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VI.

Plantæ Wrightianæ e Cuba Orientali (Polypetalæ et Apetalæ), a

A. GRISEBACH.

(Read August 14, 1860.)

[THE collection of dried plants of which Professor Grisebach has here commenced to give the determinations, with diagnoses of the new genera and species, was made by Mr. Charles Wright, in the eastern part of the island of Cuba, partly in the years 1856 and 1857, and partly in 1859 and the beginning of 1860. The specimens were mainly gathered in the high country and mountains behind Santiago de Cuba and Cobre (mostly within a moderate distance of *Filanthropia*, the hospitable country residence of George Bradford, Esq.), and especially in the elevated district back of Santa Catalina de Guantanamo, where the collector's principal station was *Monte Verde*, a coffee-plantation and residence of the most estimable and hospitable M. Lescaille; from which place as a centre Mr. Wright is still prosecuting and extending his herborizations. That the field is a rich and promising one, the great number of interesting and new species, enumerated in this and the following papers, abundantly show. In the distribution of these materials, the fullest set of the collection of 1856–57 was assigned to Professor Grisebach, in order that they might be studied by him, along with the materials of his Flora of the British West Indian Islands, now in course of publication. This set, enriched by the collector's valuable memoranda, was unfortunately lost on its way to Göttingen. As it could be only partially replaced, certain species of the first distribution have not been examined by Dr. Grisebach. Such of these species as I could name, more or less confidently, I have ventured to intercalate, always enclosing such additions, and other brief annotations I have had occasion to make, within brackets. When extracts from Mr. Wright's memoranda are given, they are placed within quotation-marks. Determinations of the *Mono-petalæ*, &c. will follow.—ASA GRAY.]

RANUNCULACEÆ.

CLEMATIS DIOICA, L. (No. 1, 2.)

CLEMATIS FLAMMULASTRUM, Griseb. (n. sp.): scandens, superne pubescens; foliis bis vel semel ternatisectis, segmentis parvis (6–2 lin. longis) ovato-lanceolatis integerrimis

glabrescentibus; corymbis 5-(3-1-) floris; floribus albis hermaphroditis; sepalis cuneato-oblongis expansis pubescentibus (4-6 lin. longis); antheris filamentis multo brevioribus; ovarii plumosis. — Habitus *C. Flammulæ*, quæ sepalis juxta marginem glabris et antheris elongatis differt; antheris nostra cum *C. dioica*, L. convenit. (1561.)

MAGNOLIACEÆ.

ILICIIUM PARVIFLORUM, Michx. — “In monte Loma del Gato dicto; Dec. Frutex 10-pedalis, petalis virido-luteis, staminibus rubris.” (3.)

TALAUMA PLUMIERI, DC. “Arbor minor: sepala rubescentia: petala alba.” (1100.)

ANONACEÆ.

UVARIA NEGLECTA, Rich. — “Arbor mediocris, sylvicola, ramis strictis, floribus viridibus seu viridi-luteis.” Petala velutina, oblonga, semipoll. longa. Specimina a. descr. Rich. paullo recedunt foliis angustioribus obtusis, carpidiis monospermis. Semina ut in *U. Brasiliensi*, sed arillo destituta. (1103.)

OXANDRA LAURIFOLIA, Rich. Cub. t. 8. “Flores albi: fructus viridis.” (4, 489, 1101.)

OXANDRA VIRGATA, Rich. — Syn. *O. punctuata*, C. Wright, mscr. “Vulgo Lancewood. Arbor parva, foliis eximie punctatis, floribus albis.” (1102.)

[ANONA MURICATA, L. (5.)]

MENISPERMACEÆ.

COCCULUS DOMINGENSIS, DC. (1105, florif.) [23, fructif.]

CISSAMPELOS PAREIRA, L. (21.) Var. γ . *C. Caapeba*, L. (22.)

PAPAVERACEÆ.

[BOCCONIA FRUTESCENS, L. (6.)]

CRUCIFERÆ.

NASTURTIUM OFFICINALE, R. Br. (7.)

NASTURTIUM BREVIPES, Griseb.: annuum; caule brevi folia rosulata subæquante subaphyllo; foliis pinnatisectis, segmentis oblique subrotundis obtusilobis subæqualibus; floribus parvis pedicellatis; siliquis oblongo-linearibus pedicello quadruplo longioribus

(3 – 4 lin. longis); stigmatē subsessili. — An *N. palustre*, e *brevipes*, DC. ? e Portorico. “In humidis ad vias prope Santa Catalina de Guantnamo, Jan. — Feb. Flores luteoli.” (1562.)

CAPPARIDÆ.

- [CLEOME POLYGAMA, L. (9.)] CAPPARIS CYNOPHALLOPHORA, L. (10.)
 [CAPPARIS JAMAICENSIS, Jacq. Syn. *C. emarginata*, Rich. (9^a.)]
 [CAPPARIS AMYGDALINA, Lam. (9^b.)] MORINGA PTERYGOSPERMA, Gært. (1588.)

BIXINÆ.

LUNANIA GRAYI, Griseb. (Pl. Amer. Trop. p. 26): foliis ellipticis obtusiusculis basi acutis et e basi ipsa trinerviis; pedicellis flore longioribus supra basin articulatis cum axi racemi puberulis; stigmatē obtuso subintegro. (1110.) [Etiam 468 ? coll. 1856 – 7. “Arbor parva, gracilis, sylvicola.”]

LUNANIA RACEMOSA, Hook. “Arbor gracilis, 30 – 50-ped., floribus albidis.” (1563.)

XYLOSMA INFESTUM, Griseb. (n. sp.): spinis gracilibus patentissimis folio duplo brevioribus; foliis coriaceis glabris ovalibus obovatis oblongisque obtusiusculis subsessilibus superne obtuse serratis, serraturis paucis distantibus; floribus dioicis fasciculatis; pedicellis paucis brevibus flori æquilongis; calyce 5-partito, segmentis ciliolatis; staminibus 12 – 16 breviter exsertis; stylis 3; bacca ovata acutiuscula. — Frutex, “floribus viridulis, baccis rubris,” a *H. nitido*, As. Gr. differt foliis rigidis, petiolo brevissimo, et spinis. “In præruptis prope villam Nouvelle Sophie.” (1109.)

[Species sequentes duas imperfecte cognitās, a cl. Grisebach omissas, addo: —

[XYLOSMA BUXIFOLIUM, A. Gr. (n. sp.): inerme, glabrum; foliis obovatis retusis rigide coriaceis integerrimis margine revolutis, venis fere obsoletis; floribus dioicis fasciculatis, masculis ignotis, fœmineis calyce 4 – 5-partito, segmentis angustis acutis eciliatis pedicellis multo brevioribus; ovario 4-ovulato, stigmatē sessili bifido; bacca ovata. — “Prope Monte Verde, Dec. Frutex circa 10-pedalis.” Folia cum petiolo brevi subpollicaria, obtusissima vel retusa, lævia sed opaca. Pedicelli pauci, $1\frac{1}{2}$ – $2\frac{1}{2}$ lin. longi. Calyx parvus, fere $\frac{1}{3}$ lin. longis. Discus annularis crassiusculus. Ovarium ovatum, placentis 2 biovulatis. Bacca 3 lin. longa, 1 – 2-sperma. (1465.)

[XYLOSMA SCHÆFFERIOIDES, A. Gr. (n. sp.): inerme, glabrum; foliis obovato-cuneatis retusis subintegerrimis utrinque lineato-venosis; floribus dioicis fasciculatis, fœmineis ignotis, masculis calyce 4-partito, segmentis ovato-rotundis ciliatis; staminibus 12 – 16

longe exsertis pedicello duplo brevioribus. — “In scopulosis prope Monte Verde, Aprili. Arbor sat magna, trunco pedem diametro; flores flavidi.” Folia pollicaria vel sesquipollicaria, obtusissima, sæpius retusa vel emarginata, nunc obliqua seu repando-undulata, supra nitidula, subtus pallida, utrinque venis gracilibus prominulis ascendentibus anastomosantibus, modo *Schæfferiæ* sed crebrioribus strictioribus, percursa: petiolo $1\frac{1}{2}$ –2 lin. longo. Pedicelli masculi in fasciculo plures, 3 lin. longi. (1464.)]

LÆTIA TERNSTRÆMIOIDES, Griseb. (n. sp.): foliis coriaceis obovato-oblongis integerrimis obtusis vel emarginatis petiolatis glabris; corymbis pedunculatis axillaribus 3–7-floris; sepalis 7–8, interioribus (4–5) petalinis; fructu velutino ovoideo-globoso; placentis 3. — “Frutex 10-pedalis, seu arbor gracilis 15–20-pedalis, flores albi,” habitu *Ternstræmiæ*, affinis *L. Thamniæ*, Sw.: folia punctis et lineolis pellucidis notata. (1107.)

THIODIA LÆTIOIDES, Griseb. Fl. Ind. Occ. 1, p. 22. “Arbor 40-pedalis; folia subcomplicata; flores viriduli.” Placentæ in fructu demum trivalvi valde incrassatæ, “succo viscido”; semina arillata. (1108, fl., 1111. fr.)

TRILIX (PROCKIA) CRUCIS, Griseb. Pl. Carib. p. 17. (11.)

VALENTINIA ILICIFOLIA, Sw. (12.)

CASEARIA SYLVESTRIS, Sw. (17.) Var. foliis subopacis. (1112.) [594 = 17. 595, inter 17 et 1112.]

CASEARIA STIPULARIS, Vent. [Fruct. in coll. 1859–60 globosus, parvus.] (16.)

CASEARIA HIRTA, Sw. (15.) Vars. glabriores vel glabellæ. (13^a, 18.) [Huc forte no. 14.]

GUIDONIA SPINESCENS, Griseb. Fl. Ind. Occ. 1, p. 24. (13, fl. in coll. I.; fr. in coll. II.)

[*SAMYDA SERRULATA*, L. ? ex char. (19, fr.)]

VIOLACEÆ.

HYBANTHUS HAVANENSIS, Jacq. (114.)

IONIDIUM STRICTUM, Vent. (20.)

POLYGALEÆ.

POLYGALA ANGUSTIFOLIA, H. B. K. (112.)

PHLEBOTÆNIA, n. gen. Sepala 5, bina lateralibus multo majora, colorata. Petala 3. Stamina monadelphica, 8: antheræ uniloculares, foramine rotundo introrso-terminali. Stylus lingulatus, labio stigmatis inferiori distante. Fructus ignotus. — Frutex glaber,

habitu *Polygalæ*; folia coriacea, venis rectis utrinque prominulis valde approximatis reticulato-striata; racemi breves axillares; pedicellis cum sinu rhacheos articulatis; bracteolis deciduis. — *A. Polygala* differt staminibus monadelphis et poro antheræ introrsum declivi.

PHLEBOTÆNIA CUNEATA, Griseb. — Syn. *Polygala cuneata*, Griseb., in litt. olim. Folia rigida, cuneato-spathulata, apice emarginato-subtruncata, pollicaria, venis crassiusculis trabeculis distantibus invicem connexis. Racemi folium subæquantes, subsessiles, axi puberulo crassiusculo, sinubus denticulato; pedicellis 3–4 lin. longis florem subæquantibus. Sepala minora oblonga; alæ petala includentes, ovales, roseæ, illis quadruplo majores. — Prope urbem Santa Catalina de Guantanamo, 1856. (113.)

BADIERA DOMINGENSIS, DC. (115.)

SECURIDACA VIRGATA, Sw. (1175.)

SECURIDACA LAMARCKII, Griseb. Fl. Ind. Occ. 1, p. 30. (116.)

EUPHORBIACEÆ.

TRICERA GLOMERATA, Griseb. (n. sp.): foliis glaucescentibus elliptico-lanceolatis mucronato-acutiusculis (pollicem longis); floribus glomeratis; petiolo pedunculum brevissimum superante; calycis ♂ segmentis ovatis filamenta brevissima multo superantibus; ovario e calyce ♀ exserto stylis longiori. — “Frutex 3–4-pedalis in scopulis prope Nouvelle Sophie villam, Oct.” (1676.)

HIERONYMA CLUSIOIDES, Griseb. — Syn. *Stilaginella*, Tul. (580.)

SAVIA SESSILIFLORA, W. — Syn. *Phyllanthus laurifolius*, Rich. (587, 588, 1674.)

SAVIA ERYTHROXYLOIDES, Griseb. (n. sp.): ramulis glabris; foliis coriaceis obovatis v. ovalibus obtusis margine integerrimo revolutis glabris; ovario pubescente; stigmatibus brevibus reflexis bipartitis, segmentis crassiusculis. — “Frutex 6–10-pedalis, patens, in sylvis umbrosis pr. Monte Verde.” — Eandem speciem pr. Matanzas fruticemque 4-pedalem dixit Rugeley. A præcedente differt glabritie ramulorum, foliis rigidis basi attenuatis, capsula juniori pubescente. Flores dioici, in axillis glomerati. Calyx 5-partitus. Petala 5, in ♂ partim aut omnino abortiva. Discus minutus, 5-lobus. Stamina 5: rudimentum pistilli in ♂ 3-partitum vel minutum. Capsula triocca; coccis dispermis, seminibus lævibus ecarunculatis. (♂ 1434, ♀ 1433.)

DRYPETES GLAUCA, Vahl. “Fructus ruber.” (593.)

CICCA ANTILLANA, Juss. Var. *α*, GLAUDESCENS, foliis subtus glaucis. [*Cicca scandens*, C. Wright in sched. “Climbing to the height of 30 to 50 feet, and spreading about among the branches of trees. La Perla, Monte Verde, Aug. 22.”] (1437.)

Var. β . VIRENS; foliis concoloribus. "Frutex 5 – 10-pedalis; floribus viridi-flavis; fructu albedo." (583, 584.)

Var. γ . PEDICELLARIS; foliis subtus glaucescentibus; baccæ pedicello longiori (3 – 4 lin. longo). "Arbor gracilis, 40-pedalis. Nouvelle Sophie, Oct. Semina cæruleo-purpurea." (584^a.)

PHYLLANTHUS NUTANS, Sw. (582, 1436, partim: specimina floribus majoribus.)

PHYLLANTHUS NIRURI, L. (590, [591,] 1675.)

PHYLLANTHUS (ANISONEMA) JAMAICENSIS, Griseb. Fl. Ind. Occ. 1, p. 34. (1436, partim,* specimina floribus minoribus.)

PHYLLANTHUS (ANISONEMA) MYRTILLOIDES, Griseb. (n. sp.): fruticosus; foliis obovato-rotundatis sæpe mucronatis glabris subtus glaucis breviter petiolatis; stipulis e basi lanceolata setaceis marcescentibus; pedicellis subsolitariis paucisve fasciculatis folium dimidium subæquantibus; floribus utriusque sexus mixtis; calycis segmentis 6 ovalibus; staminibus 3 exterioribus distinctis columnam æquantibus; columna centrali breviter trifida triandra; antheris breviter ovatis rima longitudinali dehiscentibus; stylo gracili ad medium trifida; stigmatibus breviter bidentatis; capsula globosa. — Habitus et magnitudo floris ut in *P. nutante*. Folia 10 – 4 lin. longa. Character sectionis *Anisonematis* columna integra aut breviter trifida amplificandus est. "Frutex diffusus, 6 – 9-pedalis. Fl. masc. albi, fœm. albid. Prope Monte Verde, Dec." (1438.)

PHYLLANTHUS (ASTERANDRA) JUGLANDIFOLIUS, W. (586.)

PHYLLANTHI sp. aut var., specimina tantum ♀ indeterminata, sunt 1430, 1431, 1432: "arbusculæ."

JATROPHA HASTATA, Jacq. (575.)

[JATROPHA GOSSYPIFOLIA, L. 576.]

[ALEURITES TRILOBA, Forst. Arbor Oceanica, nunc in Antillis spontanea. (577.)]

CROTON (CASCARILLA) STENOPHYLLUS, Griseb. (n. sp.): ramulis foliisque subtus flavescenti-tomentosis, his anguste linearibus acuminatis vel apice obtusiusculis integerrimis supra verruculoso-scabris basi eglandulosis in petiolum brevem attenuatis, venis crassiusculis obliquis supra sæpe impressis subtus prominulis; racemis terminalibus; seminibus oblongis. — "Frutex gracilis, 6 – 10-pedalis, prope Cobre et Nouvelle Sophie. Stamina alba." (560, 1669.)

CROTON (CASCARILLA) VIMINALIS, Griseb. (n. sp.): ramulis foliisque subtus luteolepidotis, his lineari-lanceolatis obtusiusculis integerrimis supra glabris basi eglandulosis

* [Magna pro parte.]

breviter petiolatis, venis crassiusculis transversis supra impressis subtus sæpe prominulis; racemis terminalibus; seminibus oblongis. — “Frutex gracilis, 6 – 12-pedalis, floribus albidis; pr. Monte Verde.” (565.)

CROTON (CASCARILLA) DISCOLOR, W. “Prope Santa Catalina de Guantanamo.” (564.)

CROTON (CASCARILLA) PACHYSEPALUS, Griseb. (n. sp.): ramulis scabro-pubescentibus; foliis parvis oblongo-lanceolatis obtusiusculis inæqualiter eroso-crenatis supra stellato-pubescentibus subtus tomentosis basi biglandulosis, glandulis subsessilibus, petiolo crassiusculo; racemis paucifloris in ramulo brevi terminalibus subsessilibus; calycis ♀ segmentis incrassatis. — Affinis *C. betulino*, Vahl. “In collibus prope Cobre; fruticosa.” (559.)

CROTON (CASCARILLA) CORYLIFOLIUS, Lam. (566.)

CROTON (ASTRÆOPSIS) LUCIDUS, L., var. GLANDULIFERUS, Vahl. (567.)

CROTON (LASIOGYNE) ASTROITES, Ait.: forma depauperata, stylis minus divis. (1670.)

CROTON (MICROCROTON*) SERPYLLOIDES, Griseb. (n. sp.): caulibus suffruticosis caespitose decumbentibus filiformibus foliosis foliisque stellato-pubescentibus (v. demum glabrescentibus), his minutis orbicularibus integerrimis breviter petiolatis (2 – 1 lin. diam.); racemis paucifloris monoicis (v. abortu sexu distinctis) floribus ♂ superioribus 2 – 5, ♀ subsolitario longius pedicellato. (Eandem speciem prope Havanam leg. Greene, ej. coll. 7.) 569.)

[CROTON sp. indeterminata. Specimina pauca, manca. (563.)]

[CROTON (GEISELERIA) GLANDULOSUS, L. (568.)]

ARGYTHAMNIA CANDICANS, Sw. Styli variant 2 – 3-partiti. (570.)

ADELIA RICINELLA, L. (581, 1435.)

BERNARDIA VENOSA, Griseb. (n. sp.): foliis lanceolatis ovatisque obtusiusculis margine calloso crenato-serratis supra glabris subtus in reticulo venarum prominulo ramulisque strigosis stellatoque-pubescentibus; amentis ♂ abbreviatis petiolo tomentoso brevioribus sessilibus, calyce tripartito; amentis ♀ breviter pedunculatis, calyce biseriatim 6-partito, stylis 3 – 4-partito-laceris. — Differt a *B. carpinifolia* foliis inter venas

* Sectio MICROCROTON. Calyx 5-partitus, valvaris. Petala in ♂ 5, in ♀ nulla. Stamina 5, petalis opposita. Ovarium glandulis 5 calyci oppositis cinctum: styli 4-partiti, apice involuti. Semina ovalia, subcompressa, rhaphe distincta, caruncula minuta. — Habitus *Codonocalycis*; folia exstipulata; racemuli terminales vel laterales.

secundarias prominulas glabratis, serraturis crebris callosis, pube rigente. Glandulæ in foliis subtus ocellatæ nunc sparsæ, nunc deficiunt. “Prope Monte Verde. Frutex ultra-orgyalis, floribus viridibus.” (1425.)

BERNARDIA INTERMEDIA, Griseb. (n. sp.): foliis ovato-lanceolatis obtusiusculis margine calloso crenato-serratis supra scabriusculis subtus ramulisque molliter stellato-pubescentibus, reticulo venarum prominulo; amentis ♂ petiolum æquantibus subsessilibus, calyce tripartito; capsulis solitariis subsessilibus. — Venis secundariis subtus prominulis cum *B. venosa*, pube cum *B. carpinifolia*, Griseb. convenit. — “Frutex 8–12-pedalis, in scopulosis prope Nouvelle Sophie, Nov.” (1671.)

LEUCOCROTON (n. gen.) WRIGHTII, Griseb. Pl. Amer. Trop. p. 21. — Syn. *Croton Wrightii*, Griseb. olim. “Arbuscula, in sylvis densis prope Monte Verde; Maio 2, Junio 17.” (561, 562, 1424.)

ALCHORNEA LATIFOLIA, Sw. (579, 1668.) ACALYPHA ALOPECUROIDES, Jacq. (571.)

ACALYPHA REPTANS, Sw. (1426, 1672.)

[ACALYPHA, sp. foliis parvis. Var. præcedentis? (572.)]

PLATYGYNE URENS, Merc. — Syn. *Acanthocaulon pruriens*, Kl. (557.)

TRAGIA VOLUBILIS, L. (558, 1423.)

SAPIUM LAURIFOLIUM, Griseb. Fl. Ind. Occ. 1, p. 49. (578.)

SAPIUM ADENODON, Griseb. (n. sp.): foliis obovatis vel rhombeis obtusiuscule apiculatis basi exquisite cuneatis supra basin margine glandulifero regulariter glanduloso-serratis lævibus minutissime pellucido-punctatis, venis inconspicuis, petiolo eglanduloso; stipulis cordato-subrotundis; spicis ♂ axillaribus interruptis, calyce bifido, filamentis 2 e basi monadelpha divergentibus; pedunculis ♀ (in distinctis ramis) bracteiferis in florem terminalem abeuntibus, stylis abbreviatis. — “Frutex gracilis, orgyalis et ultra, in præruptis prope Monte Verde, Aug.” (1428.)

DITTA, n. gen. Flores ♂ —, ♀ nudi, glomerati. Ovarium biloculare, loculis uniovulatis, ovulis pendulis: stigmata 4, sessilia, conica, nuda. Pericarpium subdrupaceum, endocarpiis binis lignosis rugosis ab epicarpio tenui et septo solutis. Semina — Frutex resinosus, habitu *Myricæ*, glaber: folia glandulis marginalibus *Sapii* instructa: flores sessiles in axillis congesti. — Genus *Bonaniæ*, Rich. Cub., a cl. Baillon ad *Sapium* reductæ, affine videtur florem situ: a stylis in duplicem conum ad basin divisus nominantur.

DITTA MYRICOIDES, Griseb. — Folia approximata, lanceolata, obtusiuscula, superne

repando-denticulata, basi in petiolum brevem attenuata, bi-sesquipollicaria: stipulæ nullæ vel sub resina effluente inconspicua. Ovaria bracteis subrotundis (v. calycis rudimento?) distincta, lineam longa, 5 vel pauciora in plerisque axillis; stigmatibus margine protrusis divergentibus obtusiusculis. Drupa subglobosa 2 lin. diametro. “Prope Monte Verde, Jan. 3. Frutex vel arbuscula.” (1429.)

[EXCÆCARIA (GYMNANTHES) LUCIDA, Sw. (585, fructif.)]

EXCÆCARIA (SEBASTIANIA) PALLENS, Griseb. (n. sp.): glabra; foliis coriaceis lanceolatis supra basin remote serrulatis vel subintegris basi attenuata supra canaliculata a petiolo distinctis; amentis androgynis folio duplo brevioribus interruptis breviter pedunculatis; bracteis ♂ margine incurvo glandulosis trifloris; floribus tri-(2-4-)andris, centrali squamulis 4 angustis stipato, antheris breviter exsertis filamentum subæquantibus; floribus ♀ 1-2 in basi amenti sessilibus aliisque ex distinctis axillis pedicellatis solitariis; stylo tripartito; capsulæ valvis coriaceis apice cohærentibus; seminibus ovoideo-globosis, caruncula obsoleta. — “In scopulosis prope Monte Verde. Frutex patens, 6-10-pedalis.” (1427.)

EXCÆCARIA ERYTHROSPERMA, Griseb. (n. sp.): glabra; foliis lanceolatis vel elliptico-lanceolatis supra basin remotiuscule glanduloso-serrulatis; amentis —; seminibus semi-ovoideis facie interiori convexis arillo rubro inclusis, caruncula obsoleta. — Similis *E. lucida*, semine rubro et caruncula evanida distincta. — “In monte La Guinea, Dec. Frutex 10-15-pedalis.” (1673.)

PEDILANTHUS LINEARIFOLIUS, Griseb. (n. sp.): foliis elongato-linearibus basi attenuatis apice mucronatis (3-4-pollicaribus, lin. 2 fere latis); pedunculis umbellatis vel cymosis; bracteis 2 ovatis involucri ante anthesin includentibus; involucri æquali apice truncato uniglanduloso, glandula maxima rotundata, appendice dorsali foveata crasse marginata labiiformi, margine apice emarginato inferne in calcar brevissimum apice subdidymum productum; ovario exserto; capsula lævi. — Sectionem generis involucri truncato distinctam format magisque quam genera Klotzschiana a cæteris recedit. — “In scopulosis ad Nouvelle Sophie, Nov. Fruticosa, 6-9-pedalis, bracteis involucribusque rubellis.” (1677.)

EUPHORBIA DIOICA, H.B.K. (547.) EUPHORBIA PROSTRATA, Ait. (548, 549.)

EUPHORBIA PILULIFERA, L. (550, 551.) EUPHORBIA HYPERICIFOLIA, L. (552, 1422.)

EUPHORBIA HETEROPHYLLA, L. var. PRUNIFOLIA, Jacq. (554.)

EUPHORBIA PUNICEA, Ait. [Semina globosa, lævia, opaca, albida-variegata, caruncula haud manifesta.] (556.)

EUPHORBIA aff. *E. heterophyllæ*, L. in DC. Prodromo a cl. Boissier mox edenda. (555.)

EUPHORBIA MONANTHA, C. Wright, mscr., a cl. Boissier describenda. "Inter saxa in rivis desiccatis prope Monte Verde, Junio. Radix tuberosa." (1421.)

[EUPHORBIA, sp. aphylla, articulata, siccitate ramulis acutissime pluricostatis. (553.)]

CARYOPHYLLÆ.

DRYMARIA CORDATA, W. var. DIANDRA. (24.) [CYPSELEA HUMIFUSA, Turp. (596.)]

MOLLUGO NUDICAULIS, Lam. (25.) TALINUM PATENS, W. (26.)

PHYTOLACCEÆ.

PHYTOLACCA OCTANDRA, L. (1392.) PHYTOLACCA ICOSANDRA, L. (470.)

RIVINA LÆVIS, L. et vars. (469.) RIVINA OCTANDRA, L. (471.)

PETIVERIA ALLIACEA, L. (1391.)

AMARANTACEÆ.

IRESENE CELOSIODES, Linn. (474.) [IRESENE ELATIOR, Rich. (473.)]

[IRESENE (PHILOXERUS) SERPYLLIFOLIA, Moq. ex char. (475.)]

[CHAMISSOA ALTISSIMA, H.B.K.) (472.)]

WÆHLERIA SERPYLLIFOLIA, Griseb., Pl. Amer. Trop. p. 10.* "Prope Monte Verde in fissuris rupium." (1396.)

NYCTAGINEÆ.

BÆRHAAVIA SCANDENS, L. (467.)

PISONIA NIGRICANS, Sw.! (non alior.) Syn. *P. pedicellaris*, Griseb. olim. (465 pro parte, 466.)

[PISONIA ACULEATA, L. (465 pro parte, coll. 1856–7, 1859–60, fruct. glandulis pedicellatis ornato.)]

* "WÆHLERIA, n. gen. Calyx tribracteolatus, quadrisepalus, sepalis subæqualibus lana destitutis. Stamen unicum, hypogynum, sepalorum alteri interiorum oppositum; filamentum filiformi basi minute bidentato; anthera subglobosa uniloculari. Ovarium uniovulatum: stigmata 2, filiformia, sessilia. Pericarpium utriculare. — Herba minuta, filiformis, diffusa, radicans, glabra, habitu *Illecebræ* v. *Lithophilæ*; folia opposita, subrotunda, petiolata; capitula in ramulis terminalia, alba, minuta, demum oblongata, pedicellata; sepalis scariosis bracteis multo superantibus." Griseb. l. c.

PISONIA OBTUSATA, Sw., var. RUFESCENS: foliis junioribus subtus cymisque rufo-tomentosis. — “Arbor sat magna, floribus viridulis.” (464.)

MALVACEÆ.

MALVASTRUM SPICATUM, As. Gr. Bot. Pacif. Expl. Exped. 1, p. 147. (27.)

SIDA CARPINIFOLIA, L. (1115.) Var. BREVICUSPIDATA, Griseb. Fl. W. Ind. (1565.)

SIDA GLOMERATA, Cav. (1566.)

SIDA JAMAICENSIS, L. (29.)

SIDA RHOMBIFOLIA, L. (1116.)

[SIDA SPINOSA, L. (28.)]

SIDA URENS, L. (1564, 30^a.)

SIDA HEDERIFOLIA, Cav. (1567.)

SIDA PANICULATA, L. (1569.)

SIDA PYRAMIDATA, Cav. (1570.)

[SIDA ULMIFOLIA, Cav., forma subglabra. (30.)]

SIDA NERVOSA, DC. Lus. pedicellis infra medium articulatis. (1568.)

SIDA CORDIFOLIA, L., var. S. ALTHÆIFOLIA, Sw. (31.)

[ABUTILON (WISSADULA) PERIPLOCIFOLIUM, Don. (32.)]

ABUTILON (BELGÈRE) CONFERTIFLORUM, Rich. Cub. (1572.)

ABUTILON (BELGÈRE) PERMOLLE, Don. (1571.)

[MALACHRA CAPITATA, L. var. ALCEIFOLIA, Griseb. (36.)]

MALACHRA RADIATA, L. (35, 1573.)

URENA SINUATA, L. (1114.)

PAVONIA TYPHALEOIDES, H.B.K. Syn. *P. Pseudotyphalea*, Griseb. olim. Arista media quandoque breviori a forma vulgari recedit. “Flores albi.” (33.)

PAVONIA SPINIFEX, Cav. (34.) Var. involucello calycem excedente 6 – 10-phylo. (1113.)

HIBISCUS (KETMIA) CRYPTOCARPUS, Rich. Cub. “Fruticosus, ultraorgyalis, corolla atro-rubra.” (1575.)

HIBISCUS (BOMBICELLA) PHENICEUS, Jacq. non. Cav. (1574.)

THESPESIA POPULNEA, Cav. (1576.)

PARITIUM TILIACEUM, A. Juss. (37.)

BOMBACEÆ.

CARPODIPTERA, n. gen. — Calyx bi – trifidus, persistens, lobis subinæqualibus valvatis. Petala 5, hypogyna, sinistrorsum contorta, late unguiculata, bina majora. Stamina

16 – 13, hypogyna, basi monadelpha; filamentis inæqualibus; antheris unilocularibus terminalibus reniformibus seu obliquis sursum vel introrsum dehiscentibus. Ovarium liberum, sessile, biloculare, loculis uniovulatis; ovulis supra medium loculum affixis pendulis: stigmata 2, sessilia, effigurata, crenato-multikobulata. Samara bilocularis, carpidiis utrinque latere (ad modum *Hireæ*) alatis, alis 4 divergentibus. Semina compressa, orbicularia, apicibus comata; testa coriacea. — Arbor, ramulis petiolisque stellato-puberulis; foliis glabrescentibus subpenninerviis ovato-oblongis acuminatis basi 5-nervi minute subcordatis integerrimis; stipulis deciduis; cymis pedunculatis corymbiformibus axillaribus; calyce stellato-tomentoso; corolla rubra [seu “pallide purpurea”] glabra. — Genus ovulis pendulis heteroclitum, *Myrodiæ* paullisper affine.

CARPODIPTERA CUBENSIS, Griseb. — Folia 2–3-pollicaria, cymas duplo superantia, petiolo 6–4 lin. longo. Calyx subglobosus, lineam latus, petalis majoribus duplo superatus. Stamina inclusa, ovarium æquantia. Carpidia samaræ connexa, calycem duplo superantia, alis semi-obovatis stellato-expansis 8 lin. longis. “Arbor 30–50-pedalis, in sylvis prope Santa Catalina, in declivibus prope villam Nouvelle Sophie dictam, Aug. et Oct.” (1117.)

OCHROMA LAGOPUS, Sw. (38.)

BUETTNERIACEÆ.

GUAZUMA TOMENTOSA, H.B.K. (47.) BUETTNERIA MICROPHYLLA, L. (41.)

MELOCHIA TOMENTOSA, L. (40.) [MELOCHIA NODIFLORA, Sw. (39.)]

[WALTHERIA AMERICANA, L. (42.)]

TILIACEÆ.

TRIUMFETTA SEMITRILOBA, L. (43.) TRIUMFETTA GROSSULARIFOLIA, Rich. (44.)

CORCHORUS SILIQUOSUS, L. (45.)

MUNTINGIA CALABURA, L. [Ex cl. Wright “Placentæ axiles inter se liberæ.”] (46.)

SLOANEA CURATELLIFOLIA, Griseb. (n. sp.): ramulis petiolis stipulisque puberulis; foliis ovali-oblongis (6–8 unc. longis) sinuato-denticulatis glabris, petiolo apice tumido (8–12 lin. longo), stipulis elongato-acuminatis deciduis; pedicellis lateralibus; calyce persistente 5-partito velutino, segmentis ovatis vel ovato-subrotundis ovario brevioribus; staminibus —; stylo trifido, ramis filiformibus acutis erectis; capsula ovoidea setis ejus diametrum transversalem superantibus pubescentibus rectiusculis. — “Arbor excelsa, *Achiote* incolarum, in sylvis prope Monte Verde, Jan.” (1118.)

SLOANEA AMYGDALINA, Griseb. (n. sp.): ramulis puberulis glabrescentibus; foliis parvis (sesqui – bipollicaribus) obovato-oblongis leviter emarginatis superne subcrenato-repandis glabris, petiolo æquali (4 – 2 lin. longo); stipulis deciduis; pedunculis axillaribus bitrifidis; pedicellis æquilongis; calyce 4-partito intus velutino, segmentis deltoideis; staminibus pubescentibus breviter exsertis, filamentis brevissimis, antheris oblongo-linearibus infra mucronem terminalem subrecurvum loculo triplo breviorum foramine ovali dehiscentibus; stylo brevi simplici apice incurvo obtusiusculo; ovario setuloso; capsula —. Affinis *S. quadrivalvi*, Seem., “per exsiccationem amygdalas amaras spirat.” [Capsula globosa, quadrivalvis, setulis brevissimis creberrime vestita.] “Arbor magna, trunco basi in laminis latis excurrente. Prope Monte Verde in sylvis; Junio.” (1119.)

RHAMNEÆ.

COLUBRINA FERRUGINOSA, Brongn. (1139.) COLUBRINA RECLINATA, Brongn. (76.)

ZIZYPHUS HAVANENSIS, H.B.K. Specim. fructif. (1298.)

GOUANIA TOMENTOSA, Jacq. var. PUBESCENS. (75.)

AMPELIDEÆ.

CISSUS SICYOIDES, L. (74.) Et forma parvifolia. (1136.)

CISSUS TRIFOLIATA, L.: α , foliolis pellucido-punctatis ovatis acutis superne remote incumbenti-serratis. (72.) Forma floribus luteo-rubris. (72, partim.) [Forma foliolis promissa acuminatis, 70.]

Var. β . CAUSTICA (*C. caustica*, Tuss.): foliolis pellucido-punctatis cuneato-ellipticis obtusiusculis superne remote serratis. “Flores coccinei.” (1137.)

Var. γ . INTERMEDIA, (*C. intermedia*, Rich.): foliolis opacis cuneato-ellipticis obtusis superne remote denticulato-serratis vel subintegerrimis; pedicellis hirsutis vel glabrescentibus; bacca obovata. (71, 73.)

Var. δ . OBOVATA (*C. obovata*, Vahl): foliolis demum opacis spathulatis obtusis integerrimis vel repando-paucidenticulatis. (1138.)

VITIS CARIBÆA, DC. (69, specim. florif. & fructif.)

TERNSTRÆMIACEÆ.

TERNSTRÆMIA OBOVALIS, Rich. (*T. meridionalis*, Swartz, etc. non W.) “Corolla alba.” (1125.)

TERNSTRÆMIA ELLIPTICA, Sw. (*T. meridionalis*, W. non Sw. *T. peduncularis*, DC.)
Ludit foliis emarginatis et obtusis. (1577.)

TERNSTRÆMIA CLUSIIFOLIA, H.B.K. "Corolla pallide lutea." (1124.)

CLEYERA THEOIDES, Planch.; Griseb. Fl. Ind. Occ. 1, p. 103. (1126, 1145.)

FREZIERA HIRSUTA, Sw.; a forma Caribæa recedens petiolo longiori et serraturis folii minoribus. (49.)

LAPLACEA WRIGHTII, Griseb. (n. sp.): ramulis glabris; foliis spathulatis apice emarginatis integerrimis subsessilibus glabris, nervo mediano subtus glabrato; sepalis sericeo-velutinis; capsula 5-angulari lineari-oblonga, loculis trispermis. — Proxima *L. Curtyanæ*, Rich., foliis glabris emarginatis distincta. "In sylvis prope Monte Verde. Arbor gracilis, floribus albis, antheris extrorsis." (48.)

OCHNACEÆ.

GOMPHIA ALTERNIFOLIA, Rich. Drupæ obovatæ, "læte cyaneæ." (58.)

GOMPHIA REVOLUTA, C. Wright, mscr. (n. sp.): foliis parvis elliptico-oblongis spathulatisque obtusis integerrimis margine revolutis breviter petiolatis, venis tenuissimis; panicula laxa corymbosa; pedicellis gemmam ovatam obtusam duplo superantibus; sepalis ovali-oblongis corolla paullo brevioribus; antheris lævibus; drupis subglobosis basi contractis. — Prope Monte Verde. (1128.)

GUTTIFERÆ.

TOVOMITA CLUSIOIDES, Griseb. (n. sp.): foliis obovatis obtusis integerrimis basi obtusiusculis (2–3½ poll. longis), venis primariis rectis crassiusculis utrinque prominulis, petiolo brevi crasso; cyma terminali pauciflora foliis superata, pedicellis tetragonis; sepalis 2 deciduis; petalis 6; staminibus plurimis; filamentis superne dilatatis; antheræ loculis breviter oblongis lateralibus. — Habitu accedit ad *Clusiam venosam* et *T. havetioidem*. Flores "albi," fœm. ignoti. — "In pinetis prope Monte Verde. Arbuscula." (1121.)

CLUSIA ROSEA, L. (50.) CLUSIA ALBA, L. (51.) CLUSIA FLAVA, L. (52.)

RHEEDIA, Griseb. n. gen. Flores hermaphroditi.* Sepala 2, persistentia. Petala 4, imbricativa. Stamina plurima, infra gynophorum inserta: antheræ minutæ, globosæ,

[* Flores non revera hermaphroditi, sed in spec. coll. 1856 – 7 ovarii abortu steriles, staminibus validioribus; in coll. 1859 fertiles, subhermaphroditi, staminibus minoribus. Folia pleraque angustiora, lanceolata.]

introrsæ. Ovarium gynophoro mamillari suffultum, 4-loculare, loculis uniovulatis: stigma late depressum, convexum, obsolete 4 lobum, sessile. Pericarpium drupaceum. Testa lignosa. — Frutex habitu florum *Berberidis*, foliorum *Rusci*, ramis triquetris vel tetragonis; folia parva, rigida, mucronato-aristata, opposita vel terna. Pedicelli axillares solitarii, exserti. — Genus *Mammeæ* affine, gynophoro et flore hermaphrodito ab ejus sectione *Rheediandra* (*Rheedia*, L.) distinctum, habitu inter *Clusiaceas* peculiare, cui nomen reductione *Rheediæ* Linnæanæ e systemate expulsum redditur.

RHEEDIA RUSCIFOLIA, Griseb. — Folia subpollicaria, lanceolata-oblonga, rigida, marginata, venis primariis crassiusculis, petiolo brevi incrassato. Pedicelli folia vulgo duplo superantes. Petala ($2\frac{1}{2}$ lin. diametro) subrotunda, calyce plus duplo longiora. Drupa ovoidea. — “In pinetis prope Monte Verde. Arbuscula, ramis horizontalibus, succo resinoso flavo, floribus pallide luteis. Ovarium triloculare.” (53.)

CALOPHYLLUM CALABA, Jacq. (1122.)

MARCGRAAVIACEÆ.

MARCGRAAVIA UMBELLATA, L. (54, 1123.)

HYPERICACEÆ.

MARILA RACEMOSA, Sw. (1120.)

ERYTHROXYLEÆ.

ERYTHROXYLUM OBTUSUM, DC. (86, 1149.)

MALPIGHIACEÆ.

BYRSONIMA SPICATA, Rich. (82.) BYRSONIMA LUCIDA, Rich. (1150, 84^a, fruct.)

BYRSONIMA BIFLORA, Griseb. (n. sp.): fruticosa; foliis spathulatis obovatisque in petiolum brevem angustatis margine revolutis glabris supra lucidis venis teneribus remotiusculis; racemis in ramulo terminalibus in corymbum bi-pauciflorum contractis, pedicellis folio demum brevioribus; bracteis ovato-lanceolatis subæqualibus; petalis rubris; antheræ loculis glabris connectivo apice subrecurvo subæqualibus; ovario glabro. — Affinis *B. lucidæ*, inflorescentia in genere singularis. (84.)

BUNCHOSIA MEDIA, DC. (89.) [No. 87 est eadem fructifera; 88, florifera.]

MALPIGHIA GLABRA, L. (90.) [MALPIGHIA PUNICIFOLIA, L. (85, fr.)]

MALPIGHIA OXYCOCCA, Griseb. Fl. Ind. Occ. 1, p. 117. Drupa obtusangula. (83, 1583.)

MALPIGHIA CNIDA, Spreng. (100.)

[MALPIGHIA COCCIGERA, L. ? foliis anguste oblongis. (99.)]

STIGMAPHYLLON MICROPHYLLUM, Griseb. (n. sp.): foliis parvis (5–8 lin. longis) oblongis utrinque rotundatis apice mucronulatis supra glabris subtus ramulisque puberulis, glandulis 2 infra apicem petioli collocatis stipitatis; pedicellis infra medium articulatis et bibracteolatis; stigmatibus 2–1 foliaceis, binis aut tertio compresso-truncato. — Fructus ignotus. (93.)

STIGMAPHYLLON SAGRÆANUM, Juss. (97.)

BANISTERIA PAUCIFLORA, H.B.K. (95, 1584.)

HETEROPTERIS LAURIFOLIA, Juss. (92.)

TRIOPTERIS RIGIDA, Sw. — Glandulæ in basi folii adsunt, sed evanescent. (96.)

[TETRAPTERIS sp. indetermin. 94. Malpighiaceae indeterminata, fruct. ignot. 98.]

SAPINDACEÆ.

SERJANIA LUCIDA, Schum. “Flores coccineo-rosei.” (109.)

SERJANIA DIVARICATA, Sw.: forma foliolis versus apicem pauciserratis, serraturis obtusis. “Caulis scandens, sectus succum lacteum effundit. Flores albi.” (1587.)

SERJANIA CRENATA, Griseb. (n. sp.): foliis biternatis pellucido-punctatis ramulisque glabratis, foliolis ellipticis vel elliptico-oblongis grosse crenatis, petiolo communi anguste marginato; racemis compositis; samara glabra, ala semi-obcordata basi ad medium carpidium usque producta. — “Ad Monte Verde, Nouvelle Sophie, etc. Alte scandens; flores albi.” (108^a.)

PAULLINIA CURASSAVICA, Jacq., Sw. (107, bis, 110, 1172.)

PAULLINIA PINNATA, L. (104, 1171.)

CUPANIA GLABRA, Sw. “Arbor excelsa, gracilis.” (1165, 1586.) [No. 105 est eadem, fructu maturo.]

CUPANIA AMERICANA, L. (108, 1166.)

CUPANIA TRACHYCARPA, Griseb. (n. sp.): ramulis hispidulis glabratis; foliolis abruptim 8-jugis suboppositis oblongo-lanceolatis acuminatis integerrimis glabris, venis ten-

uibus 6–10-jugis; racemis simplicibus axillaribus; capsula globosa ecarinata subsessili scabro-tomentosa; semine subgloboso-trigono arillo involuto. — Flos ignotus. [Folia interdum impari-pinnata; capsula glabrescens. (103.)

BLIGHIA SAPIDA, Kœn. “Culta.” (1170.)

RATONIA APETALA, Griseb. Fl. Ind. Occ. 1, p. 126. [Polygamo-dioica: adsunt in fl. masc. “petala minuta, albida,” crassa, discum vix superantia. Folia sæpissime disjuncta.] (1604, fl. masc., 1151, fr.)

SCHMIDELIA COMINIA, Sw. (106, 1161.) SCHMIDELIA RIGIDA, Sw. (1164.)

SCHMIDELIA OCCIDENTALIS, Sw. (102, 1162, 1163.)

[THOUINIA TOMENTOSA, DC. ex char. (106, bis.)]

THOUINIA NERVOSA, Griseb. Syn. *Schmidelia nervosa*, Rich. Cub. t. 29. (1173.)

MELICOCCA BIJUGA, L. (1167, 1168.) HYPELATE PANICULATA, Camb. (1169.)

STAPHYLEACEÆ.

TURPINIA OCCIDENTALIS, Don. (111, 1174.)

MELIACEÆ.

[TRICHILIA SPONDIROIDES, Sw. (101.)]

MOSCHOXYLUM TRACHYANTHUM, Griseb. (n. sp.): ramulis petiolisque strigilloso-pubescentibus; foliolis parvis rigidis 9–7 ovalibus rotundatis glabris utrinque reticulato-venosis; paniculis racemiformibus folio superatis; pedunculis partialibus brevibus in corymbulos subtrifloros divisus; corolla extus strigillosa 5-partita calycem triplo superante, segmentis oblongis obtusiusculis patentibus; ovario sericeo-tomentoso. — Prope Monte Verde. Sept. (1134.)

GUAREA TRICHILIOIDES, L. (63, florif., 107, fruct.)

SWIETENIA MAHAGONI, L. (1153.)

CEDRELA ODORATA, L. (1152, florif., 1582, fruct.)

AURANTIACEÆ.

CITRUS AURANTIUM, L. “Bitter Orange: in sylvis ubique.” (1127.)

OXALIDEÆ.

OXALIS VIOLACEA, L. "In fissuris rupium prope Josephina, Nov. Flores albi seu leviter purpurei." (1579.)

[OXALIS CORNICULATA, L. (55.) Var. MICROPHYLLA? (56.)]

ZYGOPHYLLÆ.

[GUAIACUM OFFICINALE, L. (57.)]

RUTACEÆ.

RAVENIA SPECTABILIS, Planch. — Syn. *Lemonia spectabilis*, Lindl. (61.)

RAPUTIA HETEROPHYLLA, DC. — Ad *Galipeam* videtur reducenda. Specimina exstant tantum fructifera, foliis trifoliolatis et simplicibus, oppositis et sparsis variantia, racemo simplici, carpidiis a dorso arcuatim costulatis. [Reperi flores nonnullos, corolla 5-petala, stellatim patentissima, atro-rubra, æstivatione valvata: discus, genitalia, semen, embryo, etc. omnino *Pilocarpi*. Ergo *PILOCARPUS HETEROPHYLLUS*. Ex cl. Wright "frutex 10 – 15-pedalis; prope Monte Verde, coll. Dec. 25."] (1129.)

TOBINIA EMARGINATA, Desv. — Syn. *Zanthoxylum coriaceum*, Rich. Cub. t. 34. (62.)

ZANTHOXYLUM CLAVA-HERCULIS, L. — Syn. *Z. Caribæum*, Lam. (1132, 1132^a.)

ZANTHOXYLUM AROMATICUM, W. (1131.)

FAGARA DUMOSA, Griseb. — Syn. *Zanthoxylum dumosum*, Rich. Cub. Proxima *F. microphyllæ*, Desf.; differt foliolis tuberculo basilari destitutis ternatis vel abortu binatis, et petiolo spathulato-oblongo apice subtus aculeifero. (1605.)

BRUNELLIA COMOCLADIFOLIA, H.B.K. (60, 1133.)

PICRAMNIA PENTANDRA, Sw. (64, 65.)

ERICEÆ.

CLETHRA BYRSONIMOIDES, Griseb. (n. sp.): ramulis petiolis axibusque racemi rufo-villosis; foliis obovato-oblongis integerrimis vel superne serrulatis glabris, venis 6 – 8-jugis; racemis simplicibus vel in apice rami aggregatis; bracteis lanceolatis deciduis pedicello refracto brevioribus; petalis apice erosio calycem tomentosum paullo superantibus; antheris obovatis basi breviter mucronatis, loculis lato poro dehiscentibus; stylo incluso. — "In Monte Lomo del Gato dicto, Dec. Arbor gracilis, floribus albis." (343.)

[ANDROMEDA (LYONIA) JAMAICENSIS, Sw. var.? In declivibus prope Cobre, Jan. (1635.)]

VACCINIUM (VITIS-IDÆA) CUBENSE, Griseb. (n. sp.): ramulis glabriusculis; foliis obovatis obsolete mucronulatis margine cartilagineo integerrimis vel obsolete serrulatis glabris; pedicellis axillaribus solitariis flore longioribus supra basin bibracteolatis; calycis limbo 5-partito, segmentis deltoideis; corolla ovata glabra, lobis patentibus tubo duplo brevioribus; genitalibus inclusis; antheris e dorso biaristatis, aristis tubulo triplo brevioribus. — “Ad Lomo del Gato et Monte Verde. Arbuscula, corolla saturate rubra.” (342.)

CYRILLEÆ.

CYRILLA ANTILLANA, Michx. (1320.)

PURDIEA STENOPETALA, Griseb. (Pl. Amer. Trop. p. 45): sepalis exterioribus 3 ovato-oblongis obtusis corollam longitudine æquantibus latitudine excedentibus, 2 interioribus minoribus ovato-lanceolatis acutis corollam dimidiam superantibus; petalis oblongis mucronato-obtusiusculis. Ceterum *P. nutanti* simillima. — “Ad Lomo del Gato et Monte Verde.” (341.)

CELASTRINEÆ.

SCHÆFFERIA FRUTESCENS, Jacq. (77.)

ELÆODENDRON ATTENUATUM, Rich. (1144.) Forma foliis superne serrulatis. (1585.)

MYGINDA LATIFOLIA, Sw., var. Recedit ramis teretiusculis et foliis vulgo angustioribus. “Flores albi. Frutex 10–15-pedalis et ultra. In monte La Guinea dicto, Dec.” (81.)

[“EUONYMUS CUNEIFOLIUS, n. sp. In monte La Guinea et in pinetis prope Monte Verde; Aug. florif., Dec. fructif. Arbuscula; flores albi.” C. Wright mscr. — Folia fere exacte angustioris formæ præcedentis, sæpe paululum crassa basi longiusque attenuata; inflorescentia, etc. simillima. Ovarium bilobum. Fructus bi- vel abortu uni-follicularis; pericarpio coriaceo lævi oblongo-obovato subcurvato intus dehiscente. Semen unicum, erectum, loculo conforme, arillo cerino cupulæformi semitectum. (1140.)

ILICINEÆ.

ILEX MONTANA, Griseb. — Syn. *Prinos montanus* et *P. sideroxyloides*, Sw. (78, 79.)

ILEX DIOICA, Griseb. — Syn. *Prinos dioica*, Vahl. Forma foliis basi attenuatis, bacca 4-pyrena; flores ignoti. (1143.)

ILEX CELASTROIDES, H.B.K. ex diagn. (1141.)

ILEX REPANDA, Griseb. (n. sp.): glabra; foliis (2–2½-pollic.) obovatis apice emarginato-rotundatis supra medium remote obtuseque serrulatis vel subintegris supra lucidis subtus venosis pallidis breviter petiolatis; floribus fasciculatis; pedicellis baccam subæquantibus petiolo longioribus; calyce 4-lobo; bacca obovata (2 lin. longa) lævi 4-pyrena. — “Arbor parvula, ramis virgatis. Prope La Perla, May 28.” (1142.)

HIPPOCRATEACEÆ.

HIPPOCRATEA SCANDENS, Jacq. (1147.)

HIPPOCRATEA OVATA, Lam. (80.) Var. paniculis contractis folio multo brevioribus. (1148.)

ANTHODON VERRUCOSUS, Griseb. (n. sp.): glaber; foliis crassis ovali-oblongis utrinque rotundatis integerrimis politis (sesqui–bipollicaribus), venis sæpe inconspicuis, petiolo brevi crassiusculo demum annulatim verrucoso; pedicellis brevibus solitariis vel fasciculatis; flore majusculo (4 lin. diam.); petalis obovato-orbicularibus integerrimis calycis lobos breviter rotundatos multo excedentibus; staminibus intra discum insertis. — Syn. *Salacia verrucosa*, C. Wright mscr.; sed ex antheris apice transversim dehiscentibus loculis confluis non *Salacia*. — “In sylvis umbrosis prope Monte Verde, scandens; Aug. Flores dilute miniati.” (1146.)

[CHAILLETIÆ spec. *C. cubensi* proxima est no. 1299. Flores desiderantur.]

URTICACEÆ.

CELTIS TRINERVIA, Lam. “Folio pellucido-punctulata.” (1441.)

CELTIS ACULEATA, Sw. (524 & 526, pr. parte, fructif.)

SPONIA MICRANTHA, Desc. (525.)

SPONIA LAMARCKIANA, Desc. “Arbor 20-pedalis et frutex orgyalis.” (1442.)

FICUS (UROSTIGMA) SUFFOCANS, Herb. Banks. “Arbor excelsa.” (543, 1445.)

FICUS (UROSTIGMA) CRASSINERVIA, Desf. (541.)

FICUS (UROSTIGMA) TRIGONATA, L. “Arbor magna, fructibus læte rubris.” (1444, 1685.)

FICUS (UROSTIGMA) LÆVIGATA, Vahl. (544, 1684.)

FICUS (UROSTIGMA) LENTIGINOSA, Vahl. (1686.)

FIGUS (UROSTIGMA) DIMIDIATA, Griseb. Fl. Ind. Occ. p. 151. “Arbor parva patens, vel majuscula, fructibus miniatis.” (542, 1683.)

FIGUS (UROSTIGMA) ELLIPTICA, H.B.K. (= Fendl. coll. Venezuel. no. 1763.) (1443.)

FIGUS (UROSTIGMA) PERTUSA, L. (545.)

CECROPIA OBTUSA, Trec. “Arbor excelsis, sylvicola.” (1440.)

TROPHIS AMERICANA, L. (589, 592.)

MACLURA TINCTORIA, Don. (1439.)

DORSTENIA TUBEROSA, C. Wright, mscr. (n. sp.): acaulis; foliis (6–12 lin. diam.) cordato-orbicularibus repando-integerrimis glabrescentibus, nervis subtus petiolisque pilosiusculis; receptaculis cyathiformi-orbicularibus denticulatis peltatis; pedunculo petiolo (pollicari) superato. — “Ad rivos prope Monte Verde; Julio. Planta tenella, violæfolia, rhizomate tuberifero.” (1446.)

DORSTENIA CRENULATA, C. Wright, mscr. (n. sp.): acaulis; foliis (6–8 lin. diam.) cordato-subrotundis repando-crenatis subtus margineque pilosiusculis; receptaculis cyathiformibus subintegris peltatis; pedunculo petiolum (1–2-pollic.) subæquante vel superante. — “Ad rivos umbrosos prope Monte Verde; Sept. Rhizoma filiformis, ut in præcedente tuberifera.” (1447.)

FLEURYA UMBELLATA, Wedd. “In sylvis opacissimis.” (1453.)

URERA BACCIFERA, Gaud. (527.)

PILEA MICROPHYLLA, Liebm. (538, 1452.) Var. *HERNIARIOIDES*, Lindl. (536, 1456, 1679.) Var. *PEREGRINA*, Griseb.: foliis orbicularibus (semilineam diam.) subciliatis, raphidibus obsoletis. (1458.)

PILEA HETERONEMA, Griseb. (n. sp.): diffusa, ramosissima, minutifolia; foliis rhombeo-cuneatis acutiusculis integerrimis triplinerviis subciliolatis; majoribus (3 lin. longis) in jugo longius petiolatis, raphidibus in utraque pagina linearibus vagis; floribus glomeratis in axilla subsessilibus. — In sylvis umbrosis et juxta rivulos prope Monte Verde. Caulis 1–4-pedalis.” (537.)

PILEA GNIDIODES, Griseb. (n. sp.): glabra; caule tenui stricto pauciramoso; foliis parvis (3–4 lin. longis) lanceolatis acuminatis integerrimis uninerviis margine incrassato revolutis in petiolum brevem attenuatis, raphidibus copiosis supra obliquis subtus sæpius mediano parallelis; cymis simplicibus contractis monoicis vel dioicis pedunculo folia subæquante suffultis. — “Ad saxa in sylvis; Junio. Flores purpurascens.” (1451.)

PILEA LUCIDA, Bl., β . CUNEIFOLIA, Wedd. "Capitula mascula rubra vel rosea." (1448.)
 — Var. SERRULATA (*P. Cubensis*, Wedd.) (1448^a, 1451, ex Griseb.)

PILEA NUDICAULIS, Wedd. (528.) Var. SALICIFOLIA, Wedd. (530.)

PILEA PARIETARIA, Bl. (529.)

PILEA CORYMBOSA, Bl. (1449.)

PILEA SWARTZII, Wedd. (533.) [Eadem est 534 et var. anisophylla? 540.]

PILEA NUMMULARIFOLIA, Wedd. (1455.)

PILEA DEPRESSA, Bl.; forma foliis minutis, 2 lin. fere diametro. (1678, 1682.)

PILEA ROTUNDATA, Griseb. Fl. Ind. Occ.; var. foliis subintegerrimis. (1457, 1680.)

PILEA WYDLERI, Bl. (535.)

PILEA REPENS, Wedd. (539, 539^a, 1454.)

GYROTÆNIA, n. gen. Flores dioici; ♂ glomerato-spicati, calyce 4-partito; ♀ nudi, dense glomerati, glomerulis fasciam gyrosam in rhachi complanata carnosam demum revoluta efformantibus, involucello exiguo diphylo. Stigma penicillatum, sessile. Achenium nudum, rectum. — "Arbor parva," foliis alternis trinerviis serratis, stipula axillari persistente. — Genus Procridearum *Pileam* cum *Myriocarpa*, cui inter *Bœhmerias* accedit, connectens, inflorescentia fœminea ab omnibus distinctum.

GYROTÆNIA MYRIOCARPA, Griseb. — Rami et petioli hirsuti. Folia lanceolato-elliptica seu elliptica, acuminata vel acuta, eroso-serrata, raphidibus ovoideis supra scabra, pubescentia, glabrata, pilis in nervis subtus diutius persistentibus, 3–1 poll. longa. Spicæ utriusque sexus fere pollicem longa; rhachis fœminea demum lin. 2 lata: achenia minuta, creberrima. [Ex. cl. Wright "achenia innumera in rhachi pulposa subpellucida albida pl. m. lobata nidulantia. In sylvis prope Monte Verde, rara."] (531^a, masc., 531, fœm.)

BœHMERIA CYLINDRICA, W., var. LITTORALIS, Sw. ! (1450.)

POUZOLSIA REPENS, Griseb. (n. sp.): caule suffruticoso diffuso radicante; foliis parvis (2–6 lin. longis) oppositis inæqualibus ovatis acutiusculis petiolatis sparsim pilosis supra basin serratis, serraturis utrinque 2–6; glomerulis monoicis axillaribus vel foliis caducis interrupte spicatis; calyce ♂ 4-partito, ♀ adnato breviter bidentato, fructifero lævi ovata. — "In muris, ad Monte Verde, Dec." [Ex adn. cl. Wright calyce ♀ minutim 3-dentatus.] (1459.)

PHENAX URTICIFOLIUS, Wedd. [sed floribus pentandris]. (532.)

ROUSSELIA LAPPULACEA, Gaud. (1681.)

POLYGONEÆ.

COCCOLOBA TENUIFOLIA, L. Bacca ovoidea, inferne tricarinata. (1395.) [Hujus var. ? foliis supra nitidis, no. 1668^a.]

COCCOLOBA LEOGANENSIS, Jacq. [Venæ primariæ subtus prominentes.] (1393.)

COCCOLOBA PUNCTATA, L., var. *PARVIFOLIA*, Griseb. (1394.) Forma foliis supra politis. (462, 462^a.)

PIPERACEÆ.

PEPEROMIA NUMMULARIFOLIA, Kth. (520, 521.) [Eadem species est 518.]

PEPEROMIA EXILIS, Griseb. Fl. Ind. Occ. p. 164. (519.)

PEPEROMIA TENELLA, Dietr. (523.)

PEPEROMIA GLABELLA, Dietr. (506.)

PEPEROMIA ACUMINATA, Miq., non R. & P. (504.)

PEPEROMIA DENDROPHILA, Schlecht. (505.) Forma fructu stipitato. (503.) Forma *parvifolia*, foliis obtusiusculis. (1688.)

PEPEROMIA HIRTELLA, Miq. (512.) [Huc 511, quoad coll. 1856 – 7.]

PEPEROMIA IONOPHYLLA, Griseb. (n. sp.): caule succulento puberulo ascendente ramoso inferne radicante; foliis (pollicaribus vel sesquipollicaribus) subcordato-deltoides obtusiusculis puberulis demum glabrescentibus 5-nerviis epunctatis petiolum 3 – 4-plo superantibus; amentis axillaribus densifloris; ovario ovoideo-oblongo apice stigmatifero; stigmate minuto. — “Prope Monte Verde, in truncis præsertim caducis sylvarum repens.” (516.)

PEPEROMIA REPENS, Kth. (517.)

PEPEROMIA HERNANDIFOLIA, Dietr. (497.)

PEPEROMIA PRODUCTA, Griseb. Fl. Ind. Occ. p. 166. “In sylvis opacis, scandens.” (501, 508, 1420.)

PEPEROMIA DISTACHYA, Dietr. (499, 1419.) Forma foliis longius acuminatis. (502.)

[*PEPEROMIÆ* spec. indeterminata est 498.]

PEPEROMIA OBTUSIFOLIA, Dietr. (509, 510.) Forma *grandifolia*. (1689.) Var. *CUNEATA*, Miq. (511, quoad coll. 1859.)

PEPEROMIA ALPINA, Dietr. (507.) [Huc forte pertinet 500.]

PEPEROMIA MYRTILLUS, Miq. (522.)

PEPEROMIA OBVERSA, Dietr. (515.)

POTHOMORPHE PELTATA, Miq. (496^a, coll. 1859 – 60.) [= Pl. Fendl. Chagres, no. 264.]

POTHOMORPHE UMBELLATA, Miq. (496.) [= Pl. Fendl. Venezuel. 1147. — No. 1146 ejusdem coll. = *P. speciosa*.]

ENCKEA AMALAGO, Griseb. Fl. Ind. Occ. p. 169. (513.) Var. β . HIRTELLA. (514.)

ARTANTHE SCABRA, Miq. (493.)

ARTANTHE GENICULATA, Miq. (1417, 1418.)

ARTANTHE ADUNCA, Miq. (494, 773, 1687.)

OTTONIA SPHÆROCARPA, Griseb. (n. sp.): dichotoma, glabrescens; foliis (3 – 2 poll. longis) ellipticis acutis basi subobliquis chartaceis pellucido-punctatis; baccis depressoglobosis sessilibus. — Recedit a typo generis ovariis baccisque foveæ rhacheos insertis sessilibus et semine globoso; convenit staminibus 4 circa ovarium insertis, stigmatibus 4 sessilibus: bracteæ minutæ, basilares, deciduæ. — “Prope Monte Verde, in sylvis densis. Frutex 2 – 5-pedalis, ramis patentissimis, spicis floriferis albis.” (495.)

CHLORANTHÆ.

HEDYOSMUM NUTANS, Sw. — “Caulis suffruticosus circiter orgyalis.” (491, 1416.)

HEDYOSMUM ARBORESCENS, Sw. — Amenta mascula oblonga, obtusa, fere pollicaria, demum nutantia, structura cum præcedente conveniunt. “Frutex 4 – 6-pedalis.” (490, 1415.)

TEREBINTHACÆ.

BURSERA GUMMIFERA, L. (1155.)

ICICA COPAL, Rich. “Arbor gracilis, floribus pallide flavis.” (1156, 1157.)

ICICA HEPTAPHYLLA, Aubl. (1603, florif.: “arbor gracilis, floribus luteo-albis;” 1158, fructif.: “frutex debilis, 10 – 15-pedalis, subscandens.”)

AMYRIS MARITIMA, Jacq. (66.) Forma foliis basi cuneata rhombeis. (1580.)

AMYRIS SYLVATICA, Jacq., var. foliolis ovato-lanceolatis acuminatis. (1581.)

AMYRIS BALSAMIFERA, L. “Frutex odore rutaceo.” (1606.)

AMYRIS LINEATA, C. Wright, mscr. (n. sp.): foliis sparsis unifoliolatis; foliolis coriaceis lineari-lanceolatis ensiformi-acuminatis integerrimis, venis parallelis approximatis utrinque prominulis rectis angulo acuto a costa ad marginem cartilagineam decurrentibus; petiolo gracili apice nodoso; corymbis paucifloris; petalis subrotundis; antheris globosis; bacca globosa. — Species in genere heteroclita, structura tamen non recedit, nisi disco intra stamina in carpophorum distinctum elevato et pericarpio molli. — “In præruptis prope Monte Verde, Feb. Arbor gracilis “40-pedalis, ligno lentissimo.” (1154.)

[MANGIFERA INDICA, L. Nat. (68.)] ANACARDIUM OCCIDENTALE, L. (67.)

AMENTACEÆ.

MYRICA PUNCTATA, Griseb. (n. sp.): foliis lanceolatis integerrimis (vel paucicrenulatis) glabris subtus dense aureo-punctatis; amentis dioicis, masculis breviter cylindricis gracilibus (1–2 lin. longis); fructu minuto subgloboso (lineam diam.). — Affinis *M. microcarpæ*, Benth. — “In saxosis prope Monte Verde, Feb. Frutex 10–15-pedalis.”

LEGUMINOSÆ.

CROTALARIA LOTIFOLIA, L. (118, 1589.) [CROTALARIA INCANA, L. (119.)]

[CROTALARIA RETUSA, L. (117.)] TEPHROSIA CINEREA, Pers. (120.)

ÆSCHYNOMENE BRASILIANA, DC., var. (123.)

ÆSCHYNOMENE AMERICANA, L. (124 aut 125, lomento glaberrimo; 1590, lomento hispido.)

DESMODIUM ADSCENDENS, DC. [Stipulæ in speciminibus sæpe inferne connatæ, lomentum margine dorsali fere ad suturam sinuato!] (1176.) [= 127.]

DESMODIUM INCANUM, DC. [Stipulæ in specim. distinctæ; lomentum minus quam in præcedente sinuatum! Cf. char. in Fl. Ind. Occ.] (126.)

[DESMODIUM TRIFLORUM, DC. (124 v. 125.)] DESMODIUM AXILLARE, DC. (128.)

STYLOSANTHES PROCUMBENS, Sw. (1589, bis.) STYLOSANTHES VISCOSA, Sw. (122.)

BRYA EBENUS, DC. (1597.) [ABRUS PRECATORIUS, L. (121.)]

RHYNCHOSIA PHASEOLOIDES, DC. (133, forma glabrata; 134, foliolis subtus velutinis reticulatis.)

RHYNCHOSIA PARVIFOLIA, DC. (132.) [RHYNCHOSIA MINIMA, DC. (132^a.)]

CLITORIA TERNATEA, L. (1592.) CENTROSEMA PLUMIERI, Benth. (129.)

CENTROSEMA PUBESCENS, Benth. "Flores rosei, centro purpurei." (130.)

CENTROSEMA VIRGINIANUM, Benth. (131.) Var. *ANGUSTIFOLIUM*, DC. (1177, 1178.)

CENTROSEMA HASTATUM, Benth. "In sylvis umbrosis: flores viriduli." (1591.)

TERAMNUS UNCINATUS, Sw. (138.)

GALACTIA (*SWEETIA*) *ANGUSTIFOLIA*, Kth.: forma stylo rectiusculo et foliolis sæpe solitariis. "Ad urbem Guantanamo. Flores rubri." (1179.)

GALACTIA PARVIFOLIA, Rich. Cub. "Ad Villam Nouvelle Sophie: volubilis; flores purpurei." [Specimina perpauca, vix florifera, haud distributa.]

GALACTIA BRACHYODON, Griseb. (n. sp.): caule volubili; foliolis 3 ovati-oblongis obtusis vel emarginatis puberulis vel subtus glabratis, petiolo ipsis æquilongis seu longiori; racemis folia æquantibus vel superantibus; calycis dentibus ovatis imbricatis tubo breviter campanulato duplo brevioribus, superiori rotundato, cæteris acutiusculis, lateralibus paullo brevioribus; legumine (juniori) villosa arcuato. — "Prope Monte Verde. Corolla pallide purpurea." (135, 1180.)

GALACTIA FILIFORMIS, Benth. (136, 1593.)

VIGNA UNGUICULATA, Walp. ex Jacq. Vind. 1, t. 23. (1594.)

VIGNA LUTEOLA, Benth. (1182, 1595.)

PHASEOLUS SEMIERECTUS, L. (137.)

CANAVALIA CUBENSIS, Griseb. (n. sp.): glabra; caule volubili; foliolis coriaceis subrotundo-ovalibus mucronulatis utrinque reticulato-venosis; calycis labio superiori late bilobo tubum subæquante, inferiori minimo integro; vexillo reflexo obsolete biauriculato; carina erostris apice incurva obtusa alas superante; legumine stipitato compresso oblongo, costis juxtamarginalibus. — Corolla purpurea, $\frac{2}{3}$ poll. longa: legumen et semina *C. gladiata*, DC. — "In sylvis, arbores alte scandens." (139.)

DIOCLEA RUDOLPHIODES, Griseb. (n. sp.): foliolis parvis (pollicaribus) lanceolato-oblongis obtusis margine revolutis glabris; racemis longe pedunculatis; bracteis bracteolisque minutis; calyce pedicello brevi multo longiori, lobo superiori ovato acuto, inferiori lanceolato, utroque tubum subæquante; vexillo obovato exauriculato alas carinamque lævem æquante; antheris omnibus fertilibus; legumine 10–15-spermo rufo-villoso compresso leviter arcuato. — Vexillo ecarunculato ad *Rudolphiam* accedit. — "In pinetis prope Monte Verde; florif. Junio, fructif. Sept. Inflorescentia, calyx, etc. atrorubentes: corolla coccinea." (1181.)

MUCUNA PRURIENS, L. (140.)

ERYTHRINA CORALLODENDRON, L. (1183.)

LONCHOCARPUS LATIFOLIUS, Kth. (142 [et 141], 1184.)

LONCHOCARPUS SERICEUS, Kth. (1185, 1186.)

ANDIRA MICROCARPA, Griseb. (n. sp.): foliolis 3–4-jugis late oblongis (3–4 poll. longis) utrinque rotundatis supra lucidis subtus glabratiss; racemis in paniculam amplam laxam digestis, ramis inferioribus distantibus pubescentibus; calyce campanulato basi acutiusculo pubescente, dentibus late triangularibus; petalis subæqualibus (4 lin. longis); staminibus $\frac{9}{1}$; ovario breviter basi attenuato ad marginem piloso; legumine subsessili semi-ellipsoideo compressiusculo lævi (6 lin. longo). — Similis *A. retusæ*, Kth., cui flores breviores; præterea ovario stipite brevi latiusculo marginumque pube, calyce multo breviori fructuque nostra differt. — “In præruptis prope Monte Verde. Arbor elata: corolla pallide purpurea.” (1187, 1188.)

BELAIRIA MUCRONATA, Griseb. (n. sp.): foliolis 9–3 lineari-oblongis mucronatis glabris. — Specimen fructiferum leguminibus subfasciculatis membranaceis venosis indehiscentibus stipitatis cum *B. spinosa*, Rich. Cub. convenit, nec nisi foliolorum forma ab ejus descriptione recedit. Genus *Leptolobiearum* foliis e gemma axillari folii abortivi in spinas longissimas stipulares reducti oriundis singulare. — “In præruptis ad Monte Verde, Oct. Frutex ultra-orgyalis.” (1598.)

PŒPPIGIA PROCERA, Presl. “Arbor parvula.” (145, 1596.)

HÆMATOXYLON CAMPEACHIANUM, L. (143.)

CASSIA FISTULA, L. [Culta; specimina haud distributa.]

CASSIA LIGUSTRINA, L. (149, 1190.)

CASSIA DECIPIENS, Desv. Specimen fructiferum: species sectionis *Chamæsennæ*, foliolis 3 poll. longis et vix lineam latis singularis, glandula petiolari tereti acuminata a basi infimoque pari æquidistante, diagnosi Desv. nimis succincta incerti nominis. — “In rupibus ad Nouvelle Sophie, Nov.: 2–3-pedalis.” (1601.)

CASSIA DOMINGENSIS, Spreng. (150.)

CASSIA OBTUSIFOLIA, L.; var. foliolis oblique elongatis subretusis mucrone destitutis puberulis. (1602.)

CASSIA LINEATA, Sw., var. BRACHYLOBA. — A specimine Swartziano differt caule suffruticoso, foliolis 4–6-jugis, legumine breviori 4–6-spermo. (146.)

CASSIA SERICEA, Sw. (148.)

CASSIA SERPENS, L. (147.)

CASSIA NICTITANS, L. (1599.)

CASSIA PATELLARIA, DC. (1600.)

HYMENÆA COURBARIL, L. (1189.)

ATELEIA CUBENSIS, Griseb. — Syn. *Swartzia multijuga*, Rich. Cub. t. 42. “In rupibus prope villam Nouvelle Sophie. Arbor parvula: corolla albida vel luteola.” (144.)

CALLIANDRA COLLETOIDES, Griseb. (n. sp.): Eucalliandra, spinis stipularibus patentibus folia multo excedentibus armata, glabrata; pinnis unijugis glandula petiolari distinctis; foliolis minutis (vix lineam longis) 3 – 2-jugis obovatis glabris; capitulis globosis breviter pedunculatis; corolla strigosa calycem striatum glabrum triplo superante; staminibus 10 purpureis corollam quadruplo superantibus in tubum gracilem corollæ subæqualem connexis; legumine recto a medio ad basin attenuato oligospermo pubescente, valvis chartaceis intra margines prominulos planiusculis. — Affinis videtur *C. hystri* (*Ingæ*, Rich.) et *C. paucifloræ* (*Acaciæ*, Rich.). “In præruptis montium prope Nouvelle Sophie, etc., Oct. Frutex 6 – 8-pedalis: stamina punicea.” (153.)

CALLIANDRA GRACILIS, Griseb. (n. sp.): Eucalliandra, inermis, glabra; pinnis bijugis; foliolis (12 – 6 lin. longis) 8 – 3-jugis inæquilateris obovatis vel obovato-oblongis subcutis obtusisve basi in latere exteriori truncatis, inferioribus decrescentibus; capitulis pedunculatis; legumine recto lineari basi attenuato glabro, valvis chartaceis ad semina tumidis. — Flos ignotus. Legumen 4 – 3 poll. longum, 3 lin. latum, margine prominulo cartilagineo. [In speciminibus coll. 1860 flores pauci adsunt, pallidi, glabri; petalis estriatis infra medium connatis calycem profunde 5-fidum duplo superantibus staminibus sub-40 basi monadelphis 3 – 4-plo brevioribus. Ex cl. Wright, “frutex 6 – 10-pedalis, in præruptis.”] (151.) [154 videtur eadem.]

PITHECOLOBIUM FILICIFOLIUM, Benth., var. Recedit a vulgari forma pinnis 9 – 3-jugis. (1191, 1191^a.)

[*MIMOSA PUDICA*, L. (152.)]

CHRYSOBALANEÆ.

CHRYSOBALANUS ICACO, L. (1607.) *HIRTELLA TRIANDRA*, Sw. (155.)

ROSACEÆ.

PRUNUS OCCIDENTALIS, Sw. (156.) *PRUNUS SPHÆROCARPA*, Sw. (1193.)

PRUNUS PLEURADENIA, Griseb. Fl. Ind. Occ. Specimina fructifera. (1192.)

MYRTACEÆ.

GOMIDEZIA LINDENIANA, Berg in Linnæa, 29, p. 208. “In monte Lomo del Gato. Arbor parvula.” (162.)

CALYPTRANTHES CHYTRACULIA, Sw. (163, 172.)

CALYPTRANTHES CALYPTRATA, Griseb. (n. sp.): ramulis cylindricis pedunculis foliisque novellis rufo-strigosis; foliis ovato-lanceolatis in acumen obtusum longe protractis opacis petiolatis, mediano supra impresso subtus prominente, venis inconspicuis; pedunculis axillaribus simplicibus petiolo duplo longioribus [nunc folio dimidio tantum brevioribus] glomerulo florum terminatis; bracteis elongatis supra gemmas in calyptram rostriformem connatis basi circumscissis; floribus sessilibus; calyce ovoideo obtusiusculo rufo-strigoso. — Folia pollicaria vel sesquipollicaria, 6–3 lin. lata. Pedunculi 2 [–6], calyptra 4, flores 1, lin. longi. (165.)

CALYPTRANTHES DECANDRA, Griseb. (mscr. in pl. Rugel.): ramulis cylindricis parce puberulis glabratisque; foliis obovatis (v. spathulato-lanceolatis) obtusis glabratibus opacis, venis arcu connexis tenuibus vel inconspicuis; pedunculis trifidis folio superatis; floribus ternatis subsessilibus; calyce subgloboso mucronulato puberulo; petalis nullis; staminibus vulgo 10; bacca globosa limbo calycis repando coronata. — “Arbor” (Rug.): folia $1\frac{1}{2}$ –1 poll. longa, 12(–5) lin. lata, pube minuta adpressa, mox glaberrima. Calyx semilineam longus. [Ex cl. Wright “arbor parvula, gracilis, in sylvis prope Monte Verde, Jan.” Fructifera.] (1203.)

CALYPTRANTHES PUNCTATA, Griseb. (n. sp.): ramulis cylindricis rufo-pubescentibus demum glabratibus; foliis rigidis lanceolato-oblongis obtusis opacis supra impresso-punctatis subtus adpresso-puberulis glabratibus, venis tenuibus supra inconspicuis; pedunculis axillaribus simplicibus crassiusculis ancipitibus folium subæquantibus glomerulo florum terminatis; bracteis ovato-rotundatis flore sessili multo brevioribus; calyce minute mucronulato, mucrone obtusiusculo. — Affinis videtur *C. Thomasianæ*, Berg.: folia 18–10 lin. longa, 6– $2\frac{1}{2}$ lin. lata: calyx $1\frac{1}{2}$ lin. diam. — “Arbor parvula vel frutex, secus rivulos prope Monte Verde; Junio.” (1204.)

CALYPTRANTHES RIGIDA, Sw. (166.)

CALYPTRANTHES ROSTRATA, Griseb. (n. sp.): glabra; ramulis biangulatis; foliis rigidis ovatis obtusiusculis basi rotundatis opacis, venis arcu connexis tenuibus; pedunculis tri-unifloris; pedicellis crassiusculis flore multo brevioribus; calyce ovoideo abruptim rostrato, rostro obtuso; petalis nullis; bacca globosa, limbo truncato. — Folia 1– $2\frac{1}{2}$ lin. poll. longa, 8–12 lin. lata. Pedunculi 4, calyces 2, lin. longi. — “In sylvis densis prope Monte Verde; florif. Junio, fructif. Jan. Frutex vel arbuscula: alabastra viridula demum badia: stamina flava.” (174, 1216.)

CALYPTRANTHES ROTUNDATA, Griseb. (n. sp.): glabra; ramulis biangulatis; foliis rigidis elliptico-rotundatis obtusiusculis opacis, venis tenuibus vel inconspicuis; baccis

globosis solitariis sessilibus. — Flos ignotus, sed ex semine et ramulis biangulatis vix dubie præcedentibus congener. Folia 12 – 10 lin. longa, 8 – 6 lin. lata, basi rotundata. — “In præruptis prope Monte Verde, Dec. Frutex 8 – 12-pedalis; bacca rubra.” (1215.)

MYRCIA CORIACEA, DC., var. RETICULATA, Griseb.: glabra; foliis pellucido-punctatis vulgo utrinque reticulato-venosis; pedunculis 3 – 15-floris. (1197, 1198, 1199, 1201.)

MYRCIA SPLENDENS, DC. (170.)

EUGENIA REVOLUTA, Berg! Syn. *E. heterophylla*, Rich.? (167, 1212.)

EUGENIA BUXIFOLIA, W. (168, 1210 [1213], 1214.)

EUGENIA LATERIFLORA, W. (1613.)

EUGENIA GLABRATA, DC. (1206, 1207.)

EUGENIA CINCTA, Griseb. (n. sp.): ramulis pilosiusculis; foliis glabris rigidis obovatis obtusis vel ovalibus (14 – 8 lin. longis) basi subacutis opacis subtus punctato-rugulosis et callo juxtamarginali crasse prominulo ab arcu venarum distante cinctis, venis distantibus parum subtus prominulis; floribus glomerulatis; pedicellis longioribus petiolum subæquantibus; bacca globosa. — “In sylvis prope Monte Verde, secus rivulos, Junio – Julio. Frutex ultra-orgyalis, floribus albis, baccis rubris.” (1205.)

EUGENIA VIRGULTOSA, DC. (171.)

EUGENIA PALLENS, DC. (1211.) [Huc 91, florif.]

EUGENIA DOMINGENSIS, Berg. Proxima *E. ærugineæ*, DC., distincta bacca globosa. “Arbor elata, in sylvis opacis circa Monte Verde. Flores albi. Ovula in loculis 4 – 5, pendula. Bacca matura lutea.” (164, 1202.)

EUGENIA PROCERA, Poir. (1612.) [Huc forte 173, fructif.]

EUGENIA LIGUSTRINA, W. (169, 1208.)

EUGENIA BERGIANA, Griseb. Syn. *Stenocalyx pseudopsidium*, Berg. — Bacca globosa, pleiosperma, seminibus trigonis. Nostra forma *E. lineatæ*, DC. similis, sed floribus pedicellatis lateralibusque distincta: bracteolis longioribus et calycis lobis acuminato-lanceolatis apice obtusiusculis parum a descriptione cl. Berg recedit. “In pinetis et præruptis prope Monte Verde. Frutex 6 – 10-pedalis; flores albi; Julio.” (1194, 1200.)

[EUGENIA FLORIBUNDA, West? *Myrciaria floribunda*, Berg? In sylvis opacis prope Monte Verde, Aug. (florif.); in præruptis ad Nouvelle Sophie, Nov. (fructif.): bacca

nigra, grate acida. Arbuscula.” Char. omnino *Myrciariæ*, Berg, nisi ovarii loculis circiter 5-ovulatis. Species a Grisebachio casu omissa. (1209, coll. 1859 florif., coll. 1860 fructif.)]

EUGENIA § MYRCIARIA? aff. præcedenti; differt foliis ovatis subcoriaceis magis punctatis, bacca arcte sessili, ovario deflorato depresso, pedicello brevissimo percrasso, loculis bi-ovulatis. “Frutex 4–6-pedalis in collibus prope Nouvelle Sophie, Sept. (fructif.) Bacca rubra.” Etiam a Grisebachio neglecta. (1610.)]

[PIMENTA OFFICINALIS, Berg. (479.)]

PSIDIUM CALYCOLPOIDES, Griseb. (n. sp.): glabrum; ramulis compressiusculo-cylindricis; foliis chartaceis elliptico-oblongis vel obovato-oblongis basi plerumque acutis lævibus pellucido-punctatis (2–3 poll. longis); pedicellis lateralibus fasciculatis demum ancipitibus (4–8 lin. longis); calycis lobis 4 ovato-oblongis obtusis; antheris subglobois. — Affine *P. cordato*, Sims: semen generis. — “Arbor gracilis, in sylvis umbosis, Junio–Julio.” (1195, 1196.)

MOURIRIA SPATHULATA, Griseb. (n. sp.): ramulis tetragonis demum cylindræis; foliis spathulato-oblongis seu ovalibus obtusis basi in petiolum brevem attenuatis, venis tenuibus demum subtus conspicuis; fasciculis corymbisve 3–4(–1-) floris petiolo longioribus axillaribus seu lateralibus, pedicellis infra medium minute bibracteolatis; calycis tubo campanulato, dentibus deltoideo-rotundatis; antheræ loculis calcare recurvo obtuso multo longioribus. — “La Perla, Maio. Arbuscula, floribus albis.” Eandem leg. Linden (pl. Cub. 2147). (1234.)

MOURIRIA LANCEOLATA, Griseb. (n. sp.): ramulis tetragonis demum cylindræis; foliis lanceolatis acuminatis apice obtusiusculis vel mucronulatis basi in petiolum attenuatis aveniis; pedicellis geminis vel solitariis petiolo multo longioribus infra medium minute bibracteolatis axillaribus seu lateralibus; calycis tubo turbinato, dentibus mucronulato-rotundatis margine laceris; antheræ loculis calcare recurvo obtuso duplo longioribus. — “Prope Monte Verde in præruptis. Frutex 10-pedalis.” (1235.)

MELASTOMACEÆ.

CALYCOGONIUM STELLATUM, DC. Forma foliis basi acutis subtus rufescenti-lepidotis. Calyx cum icone Bonpl. plane convenit, dum cl. Naudin diagnosis ad *C. Cubensi* magis accedit. (190.)

CALYCOGONIUM CUBENSE, Rich., var. — Non differt ab icone Rich. nisi flore sessili in axilla solitario; sed unicus tantum flos in specimina exstat. (1226.)

CALYCOGONIUM HETEROPHYLLUM, Naud. ! “Frutex ultra-orgyalis, in sylvis opacissimis prope Monte Verde. Flores purpurei: fructus atro-purpureus.” (1220.)

CALYCOGONIUM WRIGHTIANUM, Griseb. (n. sp.): glabrum; foliis ellipticis seu elliptico-oblongis obtusiusculis triplinerviis, nervorum axillis subtus glanduliferis; pedicellis axillaribus solitariis calyce longioribus; calyce inferne subtetragono, lobis superne filiformi-triquetris tubum subæquantibus; stylo filiformi; stigmatе minuto. — Affine *C. Lindeniano*, Naud. et *C. glabrato*, DC. — “Prope Monte Verde secus rivulos; fl. Julio; fr. Dec. Frutex 6 – 16-pedalis: petala rosea: baccae cæruleo-atræ.” — Idem leg. Linden (pl. Cub. 2134). (192, 193.)

CALYCOGONIUM INVOLUCRATUM, Griseb. (n. sp.): ramulis puberulis; foliis elliptico-oblongis seu ovali-rotundatis obtusis triplinerviis, nervorum axillis subtus barbatis, venis transversis subtus prominulis; glomerulis subtrifloris pedunculatis; bracteis ovalibus pluribus glomerulum cingentibus; calycis tubo hispido subgloboso lobis foliiformibus longiori. — “Prope Monte Verde. Frutex elata: petala rubra.” (194, 1225.)

CALYCOGONIUM ECHINATUM, Griseb. (n. sp.): ramulis nervoque foliorum subtus rufo-puberulis; foliis lanceolatis apice obtusis vel emarginatis *uninerviis*, venis tenuissimis subremotis; pedicellis axillaribus solitariis petiolo brevioribus; calycis tubo globoso setis mollibus echinato lobis dentiformibus lanceolato-linearibus obtusiusculis multo longiori. — Flos ignotus, sed ovarii vel baccae junioris structura cum ceteris congrua. — “Prope Monte Verde, in sylvis; Dec. Frutex 6 – 10-pedalis.” (1221.)

OSSÆA PUNCTATA, Griseb. (n. sp.): ramulis nervisque foliorum subtus rufo-furfuraceis; foliis elliptico-oblongis mucronato-acutiusculis basi acutis integerrimis triplinerviis glabris subtus rufo-punctatis; fasciculis paucifloris; flore —; bacca quadri-loculari. — Proxima et simillima *O. fasciculari*, Griseb., quæ pube hispida differt. — “Prope Monte Verde, in sylvis densis; Dec. Arbor 20 – 30-pedalis.” (1223.)

CLIDEMIA LIMA, DC. (189, 1233.)

CLIDEMIA CAPILLARIS, Griseb. Syn. *Sagraea capillaris*, DC. (1229.)

CLIDEMIA SCABROSA, Griseb. Syn. *Ossæa scabrosa*, DC. “Petala rosea, filamenta cerina, antheræ fere albæ.” (1232.)

CLIDEMIA LANATA, Griseb. (non DC.) Syn. *Sagraea lanata*, Naud. *C. scabrosa*, var. Griseb. olim. Paulo recedit specimen cl. Naudin originarium (coll. Linden) foliis supra brevius strigillois subtus densius villosis et nervis lateralibus magis basi approximatis: pube villosa imprimis a *C. scabrosa* differt. — “Prope Monte Verde. Frutex circa 4-pedalis, fructu læte cyaneo.” (177.)

CLIDEMIA RUBRINERVIS, Griseb. Syn. *Sagraea rubrinervis*, Naud. Glomerulo unilateraliter bracteis incluso longe pedunculato connectit *Staphidiastra* cum *Staphidio* habitumque præcedentium sequitur. — “Petala rosea: baccæ atropurpureæ.” (1230, 1231.)

CLIDEMIA HIRSUTA, Griseb. Syn. *Sagraea hirsuta*, DC. “Frutex sat elatus, in sylvis densis. Petala rosea.” (1228.)

CLIDEMIA WRIGHTII, Griseb. (n. sp.): ramulis et petiolis pube rufa adpressa furfuraceo-puberulis; foliis ovatis acutis præter nervum juxta-marginalem eximie triplinerviis denticulatis supra glabris subtus ad nervos venasque transversas furfuraceo-puberulis; petiolo cymam trifidam furfuraceam subæquante; calycis tubo globoso, dentibus 4 rotundato-mucronatis abbreviatis; petalis —; bacca 4-globosa. — Proxima *C. Swartzii*, Griseb., quæ pube differt: nervi laterales a basi folii 6 lin. fere distant. — “Prope Monte Verde in sylvis densis, Julio. Frutex orgyalis, fructu cæruleo-purpureo.” (1219.)

CLIDEMIA PENNINERVIS, Griseb. (n. sp.): ramulis obsolete tetragonis foliosis petiolisque sparsim pilosis; foliis lanceolato-linearibus acuminatis *uninerviis* supra glabris subtus glabrescentibus vel in nervo pilosis, venis transversis; pedunculis capillaribus uni-paucifloris folio 3–4-plo superatis; bracteolis breviter linearibus; calyce tubuloso dentibus 4 subulatis longiori; petalis —; bacca globosa; stylo filiformi. — Affinis *C. capillari* et haud dubie ejusdem sectionis. — “Secus rivulos prope Monte Verde. Frutex gracilis, ultra-orgyalis: baccæ læte cæruleæ.” (175.)

CLIDEMIA HIRTA, Don. (176.) [Var. ? foliis longe tenuiter acuminatis est 178.]

HETEROTRICHUM NIVEUM, Don. (188.) DIPLOCHITA SERRULATA, DC. (180.)

TETRAZYGIA SEMICRENATA, Griseb. Syn. *Conostegia semicrenata*, Sw. (182.)

TETRAZYGIA ELÆAGNOIDES, DC. (1222.)

MICONIA IMPETIOLARIS, Don. “Baccæ atropurpureæ.” (1224.)

MICONIA LÆVIGATA, DC. (184, 185.)

MICONIA EURYCHÆNOIDES, Griseb. (n. sp.): ramulis obtuse tetragonis petiolisque rufo-lepidotis; foliis ellipticis cuspidatis basi obtusiusculis integerrimis trinerviis supra nitide glabris subtus aurato-lepidotis, nervis lateralibus margini quam mediano magis approximatis venisque transversis subtus prominulis; panicula trichotoma rufo-lepidota; floribus breviter serialibus; calycis tubo ovato læviusculo, dentibus obsoletis; antheris 10 clavato-linearibus basi bituberculatis, poro terminali rotundo duplici; stigmatibus capitulatis; bacca triloculari oligosperma. — Syn. *Eurychaenia punctata*, var. *latifolia*,

Griseb. olim. Simillima *Eurychæniæ punctatæ*, quæ foliis angustis ramisque cylindricis differt: antheræ porro structura, quæ est *Miconiæ*, in quo genere sectionem propriam (*Pseudoeurychæniæ*) sistit, antheris versus apicem paullisper dilatatis et fructu *Eurychæniæ* distinguendam. Semina convexo-trigona, gemina in loculis matura exstant. Eadem species in Venezuela (Fendl. no. 1841) occurrit. “In monte La Guinea dicto, Dec. – Jan. Arbor gracilis, 20 – 30 ped. alta: petala alba versus apicem purpureo tincta.” (183, 1614.)

CREMANIUM TETRANDRUM, Griseb. Syn. *Tetrazygia tetrandra*, DC. “Arbor 40 – 60-pedalis.” (186, 1227.)

CREMANIUM AMYGDALINUM, Griseb. Fl. Ind. Occ. p. 261. (1218.) [Spec. nostra a no. 181 plane diversa videtur. “Flores” (calyces deflorati) ex cl. Wright “læte rubri,” longe pedicellati, corymbi e ramis annotinis orti.] — Forma angustifolia. “Petala alba.” (181.)

CATACHÆNIA ALTERNIFOLIA, Griseb. Pl. Amer. Trop. p. 55. Specimina serius accepta folia opposita præbent, tamen nomen jam editum mutare nolui. — “In pinetis prope Monte Verde. Frutex 10-pedalis. Petala rubentes.” (179.)

CHARIANTHUS OBLIQUUS, Griseb. (n. sp.): ramulis obsolete tetragonis glabris vel furfuraceis; foliis e basi obliqua ovatis rotundatis integerrimis glabris epunctatis triplinerviis; pedicellis solitariis folio parum superatis; calycis limbo brevi obtuse 4-lobo; flore —; capsula 4-loculari globosa carpophoro brevi suffulta. — Fructus congenerum, sed, donec flos innotescat, locus speciei in systemate dubius; folia $1\frac{1}{2}$ – 1 poll. longa, chartacea, pauca in ramulis abbreviatis cito in truncum lignosum abeuntibus. — “In pinetis prope Monte Verde, Aug. Frutex humilis.” (1217.)

GRAFFENRIEDA BRACHYCENTRA, Griseb. (n. sp.): glabra; foliis ovato-subrotundis basi obliqua subcordatis quintuplinerviis apiculatis; cymis corymbiformibus pedunculatis; calycis lobis 4 e basi subulata patula filiformibus obtusiusculis; antheræ calcaribus rudimentariis. — Habitus *Davyæ ascendentis*, Griseb., sed magis accedit ad *Cynopodium*. (191.)

ARTHROSTEMMA LANCEOLATUM, Griseb. — Syn. *Chætogastra*, DC. (187.)

LYTHRARIÆ.

GINORIA AMERICANA, Jacq. (160.) [AMMANNIA LATIFOLIA, L. (161^{bis}.)]

[CUPHEA DECANDRA, Ait. (334.)] CUPHEA PARSONSIA, R. Br. (161, 1236.)

ONAGRARIÆ.

ISNARDIA PALUSTRIS, L. (157.) [JUSSIÆA REPENS, L. (158.)]

JUSSIÆA SUFFRUTICOSA, L. var. LIGUSTRIFOLIA, H.B.K. Syn. *J. octonervia*, Lam., non DC. (159.)

[COMBRETACEÆ adhuc indeterminatæ, 1237, 1238, 1239, 1240, 1609.]

THYMELEÆ.

LINODENDRON, n. gen. Flores polygami, fertiles et steriles mixti. Calyx hypocraterimorphus, tubo basi tumidulo vel demum latere rumpente intus sericeo-piloso, limbo 5-partito imbricato. Squamulæ hypogynæ 5, pilis longissimis sericeis barbatae. ♂ Stamina 10, exsertæ, fauci inserta, 5 breviora, antheris oblongis seu ovalibus, filamentis longiusculis. Ovarium sterile sericeo-barbatum, stylo longissimo. ♀ Antheræ in fauce subsessiles, abortivæ. Ovarium maris, ovulo ex apice loculi pendulo, stylo infraterminali pubescente longissimo exserto, stigmate obtusiusculo cylindræo-conico. Fructus —. Arbores Cubenses, libro *Lagettæ* reticulato pulcherrimo, foliis sparsis, capitulis pedunculatis in corymbos terminales dispositis exinvolucratis receptaculo discoideo suffultis albo-tomentosis.

Daphnopsis Cubensis, Meisn., secundum descriptionem auctoris optimam altera generis species est, foliis angustioribus et calycis tubo lobos duplo superante distinguenda.

LINODENDRON LAGETTA, Griseb. (n. sp.): foliis lanceolato-oblongis vel elliptico-oblongis brevissime petiolatis glabris (8–6 lin. latis); calycis lobis oblongis acutiusculis intus puberulis tubo (10 lin. longo) quadruplo brevioribus; antheris oblongis filamentis staminum longiorum æquilongis. — “In sylvis prope Monte Verde; Dec., Jan. Arbor elata: flores purpurascens, odori.” (1397, 1397^a.)

LAURINEÆ.

PHŒBE MONTANA, Griseb. Syn. *Laurus montana*, Sw. (476, 1406, 1407, 1411.)

PHŒBE TRIPLINERVIS, Griseb. (n. sp.): glabra; foliis oblongis seu elliptico-oblongis apiculatis triplinerviis, nervis subtus prominentibus axilla barbatis; racemis subsimplicibus petiolum parum excedentibus; pedicellis patentibus flore longioribus; staminibus sterilibus deltoideis fertilium serie interiori paullo superatis; bacca —. Folia 4–5-pollicaria, venis subtus minus quam nervi conspicuis. Calyx lineam longus, glaber, in-

fundibuliformis, 6 fidus, lobis patentibus: antheræ exteriores oblongæ, in filamentum attenuatæ. — “Prope Monte Verde, Maio. Arbor parvula, floribus viridulis.” (1400.) [No. 482 est pl. fœminea, bacca immatura olivæformi calyce majusculo stipata.]

HUFELANDIA PENDULA, Nees. (485, 486, 1402, 1403, 1414.)

ACRODICLIDIUM JAMAICENSE, Nees. ([481,] 1401, 1410.)

NECTANDRA SANGUINEA, Rottb. (484.)

NECTANDRA LEUCANTHA, Nees. (480, 1399.)

NECTANDRA CUNEATA, Griseb. (n. sp.): ramulis paniculisque rufo-tomentosis; foliis coriaceis (5 – 3 poll. longis) cuneato-obovatis spathulatisque obtusis supra glabris opacolævibus subtus pube brevissima tandem evanida rufo-tomentosis, venis primariis novenis – duodenis subtus parum secundariis non prominulis; calycis segmentis ovatis obtusatis (sesquilineam longis); antheris oblongis in filamentum æquilongum attenuatis, 3 interioribus juxta basin biglandulosus; staminibus sterilibus lanceolato-linearibus rufo-pilosis eglandulosus; cupula cupuliformi bacca oblonga demum duplo breviori. — In no. 1413^a bacca monstrosa disco fere ad apicem obvallatur, sicut a Neesio in *N. sarcocalyce* exponitur. — “In sylvis densis; prope Monte Verde (florif.), floribus flavo-viridulis, Aug. Prope La Perla Maio (fructif.). Arbor grandis.” (1412, 1413.)

STRYCHNODAPHNE FLORIBUNDA, Griseb. — Syn. *Nectandra floribunda*, Nees. Specimina mascula prius ignota exstant, quæ staminum structuram eandem, quæ in Fl. Ind. Occ. de fœm. describitur, exhibent, nisi quod antheræ ovoideo-globosæ, 4-valvares, loculis 4 penitus exsculptæ filamento duplo breviores sunt. Baccæ vero in speciminibus prius descriptis nondum maturæ erant: maturæ (1409) ovoideo-globosæ sunt ac tum lobi cupulæ incremento tubi obsoletæ fiunt, ita ut genus, nisi dioicum esset, *Nectandra* magis accedat. (1404, 1405, 1408, 1409.)

OREODAPHNE LEUCOXYLON, Griseb. — Syn. *Laurus*, Sw. *Ocotea puberula*, Nees. (477, [etiam forte 483, 487,] 1398.)

[CINNAMOMUM ZEYLANICUM, Breyn. Cult. (478.)]

[CASSYTA AMERICANA, Nees. (488.)]

HERNANDIA CUBENSIS, Griseb. (n. sp.): ramulis paniculisque puberulis; foliis ovatis obtusiusculis basi rotundata brevissime aut non peltatis petiolo subæquilongis glabratibus; sepalis ♂ ovali-oblongis stamina superantibus; antheris ovalibus filamento æquilongis; drupa lævi. — Proxima *H. Guianensi* Aubl., quæ suadente ic. Aubl. staminibus longe exsertis, filamentis antheræ multo longioribus et drupa 8-sulcata differt. Vesica

drupam includens in nostra ovalis, pollices 2 fere longa. Antheræ loculis margine soluto aperiundis Laurinearum structuræ satis accedunt, ut genus eidem familiæ adnumerari possit. — “In sylvis prope Monte Verde. Arbor gracilis, 30–50-pedalis, ligno albo tenero, floribus albis.” (1390.)

GARRYACEÆ.

FADYENIA HOOKERI, Endl. — Syn. *Garrya Fadyenii*, Hook. Ic. Pl. t. 333. (492.)

CUCURBITACEÆ.

CIONANDRA RACEMOSA, Griseb. Fl. Ind. Occ. p. 286. — Syn. *Bryonia racemosa*, Sw. (1243.)

CIONANDRA GRACILIFLORA, Griseb. l. c. — Flos masculus 7–8 lin. longus; calycis limbus cyathiformis, dentibus cyathulo æquilongis linearibus, ipse strictura abbreviata ab ovario æquilongo separatus. (1241.)

[MELOTHRIA PERVAGA, Griseb. (195.)] MOMORDICA CHARANTIA, L. (1244.)

ANGURIA POLYPHYLLOS, Schlecht. (196.) FEUILLEA CORDIFOLIA, L. (1242.)

PASSIFLOREÆ.

PASSIFLORA MINIMA, L. (197, 1245, pro parte.)

PASSIFLORA ANGUSTIFOLIA, Sw. (197, 1245, pro parte.)

[PASSIFLORA MALIFORMIS, L., var. foliis eximie aristato-cuspidatis. (199.)]

PASSIFLORA RUBRA, L. (201, 133^{bis}.) PASSIFLORA SEXFLORA, Juss. (200.)

PASSIFLORA PENDULIFLORA, Bert. (198.) PASSIFLORA OBLONGATA, Sw. (198^a, 1615.)

TURNERACEÆ.

TRIACIS MICROPHYLLA, Griseb. — Syn. *Turnera microphylla*, Desv. [Est *Bohadschia humifusa*, Presl. Rel. 2, p. 98, t. 68, a Grisebachio prætermissa.] (210.)

TURNERA ULMIFOLIA, L. (209.)

HOMALINEÆ.

HOMALIUM RACEMOSUM, Jacq. (1106.)

LOASEÆ.

MENTZELIA ASPERA, L. (208.)

ARISTOLOCHIEÆ.

ARISTOLOCHIA (GYMNOLOBUS) TRICHOSTOMA, Griseb. (n. sp.): scandens, cirrhifera, glabra; foliis cordatis pedatinerviis rotundato-obtusis subtus inter nervos glaucescentibus exstipulatis, sinu basilari late aperto; calycis tubo supra basin inflatum cylindrico (unciam longo lineam diametro) versus medium rectangulo-inflexo abruptim unilabiato, labio ovali-rotundato apice emarginato tubo quadruplo breviori utrinque a basi ad apicem longe fimbriato, fimbriis sparsis flexuosis (2–3 lin. longis). — Ex sectionibus Klotzschianis *Brachychilo* accedit. — “In sylvis prope Monte Verde. (463.)

CACTEÆ.

CEREUS ERIOPHORUS, Link. (207.) [PEIRESCIA PORTULACIFOLIA, Haw. (205.)]
RHIPSALIS CASSYTA, Gærtn. (206.)

SAXIFRAGEÆ.

WEINMANNIA PINNATA, L. “In pinetis prope Monte Verde, et in monte La Guinea dicto. Arbor 30–40-pedalis.” (1250.)

BEGONIACEÆ.

BEGONIA CUBINCOLA, A. DC. n. sp. (203, 204, 1249.)

BEGONIA WRIGHTIANA, A. DC. n. sp. (202, 1246.)

BEGONIA, n. sp., monographo A. DC., relinquenda, affinis *B. Wrightianæ*. “In præruptis umbrosis inter Tiguabos et Montem Taurum, Junio. Flores fere albi.” (1247.)

BEGONIA, n. sp. affinis *B. Lindenianæ*, A. DC. “In rupibus cum præcedente. Flores pallide rosei.” (1248.)

ARALIACEÆ.

SCIADOPHYLLUM JACQUINI, Griseb. — Syn. *Hedera arborea*, Sw. (212.)

PANAX SPECIOSUM, W. (211.)

UMBELLIFERÆ.

HYDROCOTYLE SPICATA, Lam. (213.) [HYDROCOTYLE UMBELLATA, L. (214.)]

[ERYNGIUM FÆTIDUM, L. (215.)]

BALANOPHOREÆ.

PHYLLOCORYNE JAMAICENSIS, Hook, f. "In sylvis opacissimis prope Monte Verde. Planta cæspitosa, rubens." (546.)

OLACINÆ.

MAPPIA RACEMOSA, Jacq. var. Forma a Jamaicensi recedens racemis simplicibus petiolo vix longioribus et drupa paullo breviori subglobosa (semipollicem longa). (1389, 1578.)

LORANTHACEÆ.

LORANTHUS PAUCIFLORUS, Sw. (1255, 1303.)

PHORADENDRON HEXASTICHON, Griseb. — Syn. *Viscum hexastichon*, DC. (1252.)

PHORADENDRON MARTINICENSE, Griseb. — Syn. *Viscum Martinicense*, DC. (1251, foliis 3–5-nervatis.)

PHORADENDRON LATIFOLIUM, Griseb. — Syn. *Viscum latifolium*, Sw. (216, 217, 1251^a, foliis enerviis.)

PHORADENDRON TETRASTACHYUM, Griseb. (n. sp.): ramulis compressis demum cylindricis; foliis obovatis apice rotundatis in petiolum attenuatis obsolete pauciveniis, venis a mediano infra medium secedentibus; spicis in axilla solitariis folio 2–4-plo brevioribus, articulus quadrifloris; floribus tetrastichis; baccis e basi ovata oblongatis. — Syn. *Viscum tetrastachyum*, C. Wright, mscr. — "Prope Monte Verde in *Guettardæ* sp. parasiticum." (218, 1300.)

PHORADENDRON RUBRUM, Griseb. — Syn. *Viscum rubrum*, L. (1302.)

PHORADENDRON MACROSTACHYUM, Griseb. — Syn. *Viscum macrostachyum*, Jacq. Spec. cum no. 220 ? mixta.

PHORADENDRON MYRTILLOIDES, Griseb. — Syn. *Viscum myrtilloides*, Sw. In *Faramæa odoratissima* parasiticum. (1253.)

PHORADENDRON BUXIFOLIUM, Griseb. — Syn. *Viscum buxifolium*, Lam. A præcedente differt ramulis teretibus et spicis folia avenia subæquantibus. (220, 220^a, 222, 219, 223.)

PHORADENDRON SESSILIFOLIUM, Griseb. (n. sp.): ramulis ramisque tetraquetris; foliis obovato-oblongis obtusis basi lata sessilibus aveniis (8–10 lin. longis); spicis solitariis folium subæquantibus, articulis 3–4 subremotis; floribus tetrastichis; bacca ovato-oblonga. — "In arboribus prope La Perla." (1301.)

PHORADENDRON CONSTRICTUM, Griseb. (n. sp.): ramulis ramisque subcylindricis; foliis minutis crassis ovalibus spathulatisque in petiolum brevem contractis enerviis (3–4-lin. longis); spicis folium subæquantibus, articulis 2–3 bifloris; floribus distichis; bacca oblonga. — Syn. *Viscum constrictum*, C. Wright, mscr. — “Prope Monte Verde; in quodam fruticem Rubiaceum. Spicæ inter flores eximie constrictæ. Flores aurantiacei.” (220^b.)

PHORADENDRON SERPYLLIFOLIUM, Griseb. (n. sp.): nanum; ramulis striato-cylindricis; foliis minutis ovalibus enerviis petiolatis (1–2 lin. longis), inferioribus abortivis; spicis folium subæquantibus, articulis 2–3 contiguis plurifloris; floribus tetrastichis. — “In Euphorbiacea? quadam, prope Monte Verde. Flores virides.” (1254.)

[Var. ? aphyllum. Parasiticum in *Euonymo cuneifolio* et *Myginda latifolia*. (224.)]

ARCEUTHOBIUM EPIVISCUM, Griseb. (n. sp.): ramulis compresso-tetrapteris ad nodos constrictis, internodiis oblongo-linearibus rotundato-truncatis; squamis obsoletis deciduis; spicis ♀ moniliformibus 2–3-articulatis, articulis ovoideis plurifloris; floribus distichis. — Syn. *Viscum Epiviscum*, C. Wright, mscr. Parasiticum in *Phoradendro buxifolio*. (221.)

VISCUM DOMINGENSE, Spreng. (225.)

EREMOLEPIS WRIGHTII, Griseb. (n. sp.): ramulis angulatis lævibus; foliis alternis obovato-oblongis ovalibusque 3–5-plinerviis subsessilibus; floribus ♀ glomeratis; calycis limbo 4-partito. — Parasiticum in *Hufelandia pendula*, etc. (226.)

* * Specimina incompleta, non determinata.

No. 59 (coll. 1856–7): *Connaracea*.

1130.

1159, 1160. [*Connaraceæ*.]